AME-SPS-75MV 75 Amp Switching Power Supply

AMERITRON®

This power supply provides 75 amps continuous output current—ideal for use the with Ameritron's ALS-500M 500 watt solid state amplifier. It has less than 100 mV peak-to-peak ripple under full load. Load regulation is better than 1.5% under full load. Other features include reverse-polarity protection, brownout input protection, over-current/over-temperature protection, and a thermally-controlled quiet fan. Output voltage is variable with metering for both voltage and current.

- Input: 108-132 Vac, 50/60 Hz
- Current Draw: 11 Amps

AME-SPS-75MV 75 Amp Switching Power Supply **$244.95**

GZV4000 and GZV6000 Switching Mode Power Supplies

DIAMOND ANTENNA

The GZV4000 provides a variable voltage output from 5 to 15 Vdc at 40 amps, while its higher-rated counterpart the GZV6000 gives you 1 to 15 Vdc at 60 amps.

These versatile power supplies look great and offer you rock-solid performance. The attractive front panel includes a selectable meter with post, snap-on and cigarette lighter outputs. The voltage control knob has a center 13.5 Vdc detent for precise adjustability. A built-in 8 Watt speaker makes these power supplies a versatile addition to your shack's setup.

DMN-GZV4000 Switching Mode Power Supply 40A **$169.95**
DMN-GZV6000 Switching Mode Power Supply 60A **$369.95**

Compact DC Power Supplies from MFJ

MFJ

These are the perfect supplies for portable and QRP operation. They are small enough to carry in briefcases or backpacks.

MFJ's 4115 Power Supply weighs a shade over one and a half pounds and easily fits into your suitcase. It can power most VHF/UHF or QRP radios while offering over-voltage and over-current protection. Hookup is via 5-way binding posts. It provides 13.8 Vdc at 17 amps, while accepting 90 to 130 Vac input.

The MFJ-4110 is the answer for the travelling operator. It plugs right in to a 110 Vac outlet with the included adapter and delivers 13.8 Vdc at 2 amps. An LED indicator lets you know it's working.

Though it's tailored for Yaesu's FT-817, the MFJ-4103 switching power supply can work with many other QRP rigs. In addition to over-current, over-temperature and over-voltage protection, the MFJ-4103 accepts 100-240 Vac at 47-63 Hz—which means you can plug it in virtually anywhere. Output is 13.8 Vdc at 2.89 amps, through a 2.1mm plug.

DXEngineering.com has detailed specs for every MFJ power supply.

MFJ-4115 MFJ Basic Switching Power Supply..... **$59.95**
MFJ-4110 MFJ Power Supply **$59.95**
MFJ-4103 MFJ Power Supply for FT-817..... **$46.95**

Bias-Tee Power Injector

MFJ

New!

Is your antenna array far from your shack? Here's a great way to ensure you can still get DC power down your coax to operate your remote tuners, rotor, etc. It works on frequencies from 1 to 60 MHz and has a switch to turn your remote equipment on and off. This unit requires a standard 2.1mm, 1A (max.) power adapter.

MFJ-4117 Bias-Tee Power Injector **$29.95**

Get Your Gear Faster. If you get your order in by 10 pm ET and the parts are in stock, DX Engineering will ship it immediately. We carry thousands of items, that means you'll get your order as quickly as possible. If you don't like to wait, count on us to get your order out quickly.

ASR-SL-11R

ASTRON CORPORATION

SL Series Power Supplies

ASR-SL-11R

New!

These low-profile linear supplies are internally adjustable to deliver 11 to 15 Vdc. They're electronically regulated, and feature over-voltage and current limiting protection.

Part Number	Description	Amps Continuous/Peak	Price
ASR-SL-11A	Power Supply with Fused Cord	7A/11A at 13.8 Vdc	**$94.95**
ASR-SL-11R	Power Supply	7A/11A at 13.8 Vdc	**$104.95**
ASR-SL-11XLR	Power Supply, 4-Pin XLR Port	7A/11A at 13.8 Vdc	**$122.95**
ASR-SL-15R	Power Supply	12A/15A at 13.8 Vdc	**$137.95**

ASTRON CORPORATION

VLS Series Power Supplies

ASR-VLS-10M

New!

With an adjustable output voltage from 5 to 32 volts, these power supplies can provide DC power to a wide range of shack gear. They feature front-panel adjustable output controls, making them great bench "test" power supplies. These supplies are also great solutions if you have unique voltage requirements.

Part Number	Description	Amps Continuous/Peak	Price
ASR-VLS-10M	Supply with Dual Meters	8A/10A at 28 Vdc	**$172.95**
ASR-VLS-25M	Supply with Dual Meters	18A/25A at 28 Vdc	**$336.95**
ASR-VLS-35M	Supply with Dual Meters	27A/35A at 28 Vdc	**$392.95**

ASR-LS-35A

ASTRON CORPORATION

ASR-LS-35M

New!

LS Power Supplies

Delivering an adjustable 22 to 32 volts of regulated DC power, these Astron linear power supplies feature over-voltage protection, low-ripple and a heavy duty heat sink. Each power supply incorporates fold-back current limiting to protect it from excessive current and accidental shorts.

Part Number	Description	Amps Continuous/Peak	Price
ASR-LS-10A	Power Supply	8A/10A at 28 Vdc	**$135.95**
ASR-LS-18A	Power Supply	12A/18A at 28 Vdc	**$209.95**
ASR-LS-25A	Power Supply	18A/25A at 28 Vdc	**$291.95**
ASR-LS-35A	Power Supply	27A/35A at 28 Vdc	**$321.95**
ASR-LS-35M	Supply with Dual Meters	27A/35A at 28 Vdc	**$392.95**

Rack Mounted Switching Power Supplies

The supplies use high-efficiency switching technology designed solely for precision communications equipment. For more versatility, they can accept 90 to 130 Vac or 180 to 264 Vac, at 50 or 60 Hz. These fan-cooled supplies deliver a consistent 13.8 Vdc.

Part Number	Description	Amps Continuous/Peak	Price
ASR-SRM-10	Power Supply	7A/10A at 13.8 Vdc	**$89.95**
ASR-SRM-12	Power Supply	9A/12A at 13.8 Vdc	**$99.95**
ASR-SRM-18	Power Supply	15A/18A at 13.8 Vdc	**$109.95**
ASR-SRM-25	Power Supply	20A/25A at 13.8 Vdc	**$129.95**
ASR-SRM-25M	Power Supply, Dual Meters	20A/25A at 13.8 Vdc	**$149.95**
ASR-SRM-25-2	Dual SRM-25 Power Supplies	20A/25A at 13.8 Vdc	**$249.95**
ASR-SRM-25M-2	Dual SRM-25M Power Supplies	20A/25A at 13.8 Vdc	**$289.95**
ASR-SRM-30	Power Supply	25A/30A at 13.8 Vdc	**$138.95**
ASR-SRM-30M	Power Supply, Dual Meters	25A/30A at 13.8 Vdc	**$189.95**
ASR-SRM-30-2	Dual SRM-30 Power Supplies	25A/30A at 13.8 Vdc	**$269.95**
ASR-SRM-30M-2	Dual SRM-30M Power Supplies	25A/30A at 13.8 Vdc	**$348.95**

ASTRON CORPORATION

ASR-RM-50M

Rack Mounted Linear Power Supplies

Get consistent, reliable power using these rack mounted linear power supplies. These adjustable, solid state supplies are electronically regulated to offer less than 5mV peak to peak ripple. They incorporate fold-back current limiting and a heavy duty heat sink to ensure years of solid power delivery. Find full details at DXEngineering.com.

Rack Mounted Power Supply with 2 to 15 Vdc Adjustable Output

Part Number	Description	Amps Continuous/Peak	Price
ASR-VRM-35M-BB	Supply, Dual Meters, Battery Backup	7A/11A at 13.8 Vdc	**$397.95**

Rack Mounted Power Supplies with 11 to 15 Vdc Adjustable Output

Part Number	Description	Amps Continuous/Peak	Price
ASR-RM-12A	Power Supply	9A/12A at 13.8 Vdc	**$126.95**
ASR-RM-12A-BB	Power Supply, Battery Backup	9A/12A at 13.8 Vdc	**$159.95**
ASR-RM-12M	Power Supply, Dual Meters	9A/12A at 13.8 Vdc	**$167.95**
ASR-RM-12M-BB	Supply, Dual Meters, Battery Backup	9A/12A at 13.8 Vdc	**$185.95**
ASR-RM-20A	Power Supply	16A/20A at 13.8 Vdc	**$169.95**
ASR-RM-20A-BB	Power Supply, Battery Backup	16A/20A at 13.8 Vdc	**$185.95**
ASR-RM-20M	Power Supply, Dual Meters	16A/20A at 13.8 Vdc	**$179.95**
ASR-RM-20M-BB	Supply, Dual Meters, Battery Backup	16A/20A at 13.8 Vdc	**$217.95**
ASR-RM-35A	Power Supply	25A/35A at 13.8 Vdc	**$309.95**
ASR-RM-35A-BB	Power Supply, Battery Backup	25A/35A at 13.8 Vdc	**$339.95**
ASR-RM-35M	Power Supply, Dual Meters	25A/35A at 13.8 Vdc	**$307.95**
ASR-RM-35M-BB	Supply, Dual Meters, Battery Backup	25A/35A at 13.8 Vdc	**$381.95**
ASR-RM-50A	Power Supply	37A/50A at 13.8 Vdc	**$352.95**
ASR-RM-50A-BB	Power Supply, Battery Backup	37A/50A at 13.8 Vdc	**$409.95**
ASR-RM-50M	Power Supply, Dual Meters	37A/50A at 13.8 Vdc	**$381.95**
ASR-RM-50M-BB	Supply, Dual Meters, Battery Backup	37A/50A at 13.8 Vdc	**$421.95**
ASR-RM-60A	Power Supply	50A/55A at 13.8 Vdc	**$453.95**
ASR-RM-60A-BB	Power Supply, Battery Backup	50A/55A at 13.8 Vdc	**$511.95**
ASR-RM-60M	Power Supply, Dual Meters	50A/55A at 13.8 Vdc	**$463.95**
ASR-RM-60M-BB	Supply, Dual Meters, Battery Backup	50A/55A at 13.8 Vdc	**$561.95**

Rack Mounted Power Supplies with 22 to 32 Vdc Adjustable Output

Part Number	Description	Amps Continuous/Peak	Price
ASR-LSRM-18A	Power Supply	12A/18A at 28 Vdc	**$329.95**
ASR-LSRM-18A-BB	Power Supply, Battery Backup	12A/18A at 28 Vdc	**$315.95**
ASR-LSRM-18M	Power Supply, Dual Meters	12A/18A at 28 Vdc	**$315.95**
ASR-LSRM-18M-BB	Supply, Dual Meters, Battery Backup	12A/18A at 28 Vdc	**$335.95**
ASR-LSRM-25A	Power Supply	18A/25A at 28 Vdc	**$372.95**
ASR-LSRM-25A-BB	Power Supply, Battery Backup	18A/25A at 28 Vdc	**$342.95**
ASR-LSRM-25M	Power Supply, Dual Meters	18A/25A at 28 Vdc	**$382.95**
ASR-LSRM-25M-BB	Supply, Dual Meters, Battery Backup	18A/25A at 28 Vdc	**$409.95**
ASR-LSRM-35A	Power Supply	27A/35A at 28 Vdc	**$404.95**
ASR-LSRM-35A-BB	Power Supply, Battery Backup	27A/35A at 28 Vdc	**$445.95**
ASR-LSRM-35M	Power Supply, Dual Meters	27A/35A at 28 Vdc	**$529.95**
ASR-LSRM-35M-BB	Supply, Dual Meters, Battery Backup	27A/35A at 28 Vdc	**$476.95**

ASTRON CORPORATION

ASR-SLSRM-15

SLS Series Switching Power Supplies

Astron's SLS Series supplies are filtered specifically against RF interference, including the HF range. They also include an EMI filter, making them perfect for powering sensitive communications equipment. These supplies provide 28 Vdc, and include current limiting, over-voltage and thermal protection, and a fused input. The SLS Series supplies are also selectable for 115 or 220 Vac input at either 50 or 60 Hz for excellent versatility.

Part Number	Description	Amps Continuous/Peak	Price
ASR-SLSRM-15	Rack Mounted SLS Power Supply	12.5A/15A at 28 Vdc	**$139.95**
ASR-SLSRM-15-2	Dual Rack Mounted SLS Supplies	12.5A/15A at 28 Vdc	**$269.95**
ASR-SLS-15	Standalone SLS Power Supply	12.5A/15A at 28 Vdc	**$124.95**

ASTRON CORPORATION

ASR-RS-35M

RS Power Supplies

These rugged, reliable units are electronically regulated to maintain low ripple at low-line input voltage. They provide an adjustable 11 to 15 Vdc and include fold-back current limiting to protect your power supply from excessive current and continuous shorted output. Depending on the model, you get features like crowbar over-voltage protection, heavy-duty heat sinks, and chassis-mounted fuses for extra protection against overheating and shorting.

"BB" in the part number denotes models that have an integrated battery backup and trickle charger. An "M" in the part number indicates that the units have either dual or single volt/amp meters.

Part Number	Description	Amps Continuous/Peak	Price
ASR-RS-3A	Power Supply	2.5A/3A at 13.8 Vdc	**$53.95**
ASR-RS-4A	Power Supply	3A/4A at 13.8 Vdc	**$59.95**
ASR-RS-4L	Supply, Cigarette Lighter Port	3A/4A at 13.8 Vdc	**$57.95**
ASR-RS-5A	Power Supply	4A/5A at 13.8 Vdc	**$66.95**
ASR-RS-7A	Power Supply	5A/7A at 13.8 Vdc	**$72.95**
ASR-RS-12A	Power Supply	9A/12A at 13.8 Vdc	**$92.95**
ASR-RS-12M	Supply with Switchable Meter	9A/12A at 13.8 Vdc	**$103.95**
ASR-RS-12A-BB	Supply with Battery Backup	9A/12A at 13.8 Vdc	**$113.95**
ASR-RS-12M-BB	Supply with Meter and Backup	9A/12A at 13.8 Vdc	**$119.95**
ASR-RS-20A	Power Supply	16A/20A at 13.8 Vdc	**$114.95**
ASR-RS-20M	Supply with Dual Meters	16A/20A at 13.8 Vdc	**$136.95**
ASR-RS-20A-BB	Supply with Battery Backup	16A/20A at 13.8 Vdc	**$144.95**
ASR-RS-20M-BB	Supply with Meters and Backup	16A/20A at 13.8 Vdc	**$164.95**
ASR-RS-35A	Power Supply	25A/35A at 13.8 Vdc	**$175.95**
ASR-RS-35M	Supply with Dual Meters	25A/35A at 13.8 Vdc	**$199.95**
ASR-RS-50A	Power Supply	37A/50A at 13.8 Vdc	**$281.95**
ASR-RS-50M	Supply with Dual Meters	37A/50A at 13.8 Vdc	**$315.95**
ASR-RS-70A	Power Supply	57A/70A at 13.8 Vdc	**$361.95**
ASR-RS-70M	Supply with Dual Meters	57A/70A at 13.8 Vdc	**$402.95**

ASTRON CORPORATION

ASR-VS-35M

VS Power Supplies

Astron's VS line of 13.8 Vdc power supplies have the same reliable performance of the RS line. These models also feature front-panel knobs, so you can easily adjust output from 2 to 15 Vdc. They also include separate front-panel volt and amp meters.

Part Number	Description	Amps Continuous/Peak	Price
ASR-VS-12M	Power Supply	9A/12A at 13.8 Vdc	**$155.95**
ASR-VS-20ML	Supply, Cigarette Lighter Port	16A/20A at 13.8 Vdc	**$156.95**
ASR-VS-35M	Power Supply	25A/35A at 13.8 Vdc	**$207.95**
ASR-VS-50M	Power Supply	37A/50A at 13.8 Vdc	**$322.95**
ASR-VS-70M	Power Supply	57A/70A at 13.8 Vdc	**$402.95**

ASTRON CORPORATION

ASR-SS-25M

SS Series Switching Power Supplies

If you need a power supply that doesn't eat up the space on your desk, Astron offers these low profile options. They deliver a steady 13.8 Vdc and are built to be immune to RFI. These supplies include an EMI filter to resist RFI, even in the HF bands.

The "M" in the part number denotes models that include front panel volt and amp meters.

Part Number	Description	Amps Continuous/Peak	Price
ASR-SS-10	Power Supply	7A/10A at 13.8 Vdc	**$79.95**
ASR-SS-12	Power Supply	10A/12A at 13.8 Vdc	**$88.95**
ASR-SS-18	Power Supply	15A/18A at 13.8 Vdc	**$93.95**
ASR-SS-25	Power Supply	20A/25A at 13.8 Vdc	**$119.95**
ASR-SS-25M	Supply with Dual Meters	20A/25A at 13.8 Vdc	**$139.95**
ASR-SS-30	Power Supply	25A/30A at 13.8 Vdc	**$129.95**
ASR-SS-30M	Supply with Dual Meters	25A/30A at 13.8 Vdc	**$149.95**

International Shipping is Quick and Easy! See Page 58 for Details

samlexamerica®

SXA-07093

DC/AC Modified Sine Wave Inverters

If you just need reliable DC power for your tools, lights or appliances, then you don't need a full, pure sine converter. Save yourself some money and check out these modified DC/AC converters. They convert 12- or 24-volt DC input voltage into reliable 120-Volt AC, The modified sine design means you still get rock-solid power with a gentler bite on your wallet.

DXE Number	Samlex Number	Description	Receptacles	Surge Capability	Price
SXA-07093	PSE-12125A	1,250 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC	2,500 Watts	**$282.63**
SXA-07103	PSE-12175A	1,750 Watt Modified Sine DC/AC Inverter, 12 Vdc input	2 AC	3,500 Watts	**$339.15**
SXA-07113	PSE-12275A	2,750 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	1 AC	4,500 Watts	**$662.15**
SXA-07174	PSE-24275A	2,750 Watt Modified Sine DC/AC Inverter, 24 Vdc Input	1 AC	4,500 Watts	**$709.16**
SXA-07184	PSE-24175A	1,750 Watt Modified Sine DC/AC Inverter, 24 Vdc Input	2 AC	3,500 Watts	**$356.15**
SXA-07806	SAM-100-12	100 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	1 AC 1 USB	200 Watts	**$20.23**
SXA-07807	SAM-250-12	250 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	1 AC 1 USB	500 Watts	**$27.29**
SXA-07808	SAM-450-12	450 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC 1 USB	900 Watts	**$38.25**
SXA-07828	SAM-450-12E	450 Watt Modified Sine DC/AC Inverter, 12 Vdc	1 AC 1 USB	900 Watts	**$42.21**
SXA-07809	SAM-800-12	800 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC 1 USB	1,600 Watts	**$66.22**
SXA-07812	SAM-1000-12	1,000 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC	2,000 Watts	**$105.83**
SXA-07817	SAM-1500-12	1,500 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC	3,000 Watts	**$196.27**
SXA-07827	SAM-2000-12	2,000 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	3 AC	4,000 Watts	**$227.61**
SXA-07836	SAM-7836	3,000 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	3 AC	6,000 Watts	**$403.75**

SXA-06204

DC/DC Step-Up Converters

Perfect for atypical or higher voltage DC applications, these negative-ground converters can give you clean DC power along with over-voltage and polarity protection, plus temperature-controlled current limiting. You can find the complete specs on each unit at DXEngineering.com.

DXE Number	Samlex Number	Description	Input Range	Output Range	Price
SXA-06204	VTC305-12-24	DC/DC Step-Up Converter	10.5-28 Vdc	12-27 Amps at 24-27.5 Vdc	**$929.95**
SXA-06214	VTC605-12-24	DC/DC Step-Up Converter	10.5-28 Vdc	20-45 Amps at 24-27.5 Vdc	**$1,047.95**
SXA-06760	STEP 7	DC/DC Step-Up Converter	9-18 Vdc	7 Amps at 24 Vdc	**$100.89**
SXA-06765	STEP 10	DC/DC Step-Up Converter	9-18 Vdc	10 Amps at 24 Vdc	**$140.22**

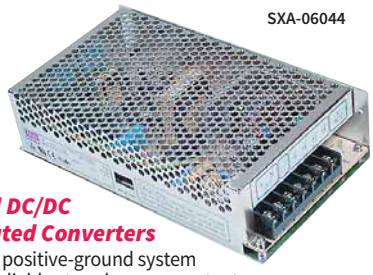
SXA-06701

Isolated DC/DC Converters

If you need to convert precise DC voltages, even in positive-ground systems, Samlex offers several proven options. These converters feature over-voltage, reverse polarity and short-circuit protection, plus fold-back current limiting. They're ideal in mobile/portable installations where clean DC power can be scarce.

DXE Number	Samlex Number	Description	Input Range	Output Range	Price
SXA-06701	IDC-100A-12	Step-Up Isolated DC/DC Converter	9-18 Vdc	8A at 12.5 Vdc	**$135.09**
SXA-06706	IDC-100A-24	Step-Up Isolated DC/DC Converter	9-18 Vdc	4A at 24.5 Vdc	**$135.09**
SXA-06708	IDC-100C-24	Isolated DC/DC Converter	30-60 Vdc	4A at 24.5 Vdc	**$135.09**
SXA-06720	IDC-200A-12	Isolated DC/DC Converter	9-18 Vdc	16A at 12.5 Vdc	**$164.95**
SXA-06721	IDC-200B-12	Isolated DC/DC Converter	20-35 Vdc	16A at 12.5 Vdc	**$160.74**
SXA-06722	IDC-200C-12	Isolated DC/DC Converter	30-60 Vdc	16A at 12.5 Vdc	**$158.95**
SXA-06723	IDC-200D-12	Isolated DC/DC Converter	60-120 Vdc	16A at 12.5 Vdc	**$160.74**
SXA-06726	IDC-200A-24	Isolated DC/DC Converter	9-18 Vdc	8A at 24.5 Vdc	**$160.74**
SXA-06728	IDC-200C-24	Isolated DC/DC Converter	30-60 Vdc	8A at 24.5 Vdc	**$160.74**
SXA-06730	IDC-360A-12	Isolated DC/DC Converter	9-18 Vdc	30A at 12.5 Vdc	**$300.96**

SXA-06044



Mean Well DC/DC Fully Isolated Converters

If you have a positive-ground system and need a reliable step-down converter to produce noise-free power, Samlex comes to your rescue. These converters are fully isolated, which means they're compatible with both negative- and positive-ground systems. They all also feature automatic short-circuit, overload and over-voltage protection.

DXE Number	Samlex Number	Description	Input Range	Output Range	Price
SXA-06044	SD-150D-12	Fully Isolated DC/DC Converter	72-144 Vdc	12.5A at 12 Vdc	**$103.14**
SXA-06054	SD-150C-12	Fully Isolated DC/DC Converter	36-72 Vdc	12.5A at 12 Vdc	**$103.14**
SXA-06064	SD-150C-24	Fully Isolated DC/DC Converter	36-72 Vdc	6.25A at 24 Vdc	**$103.14**
SXA-06104	SD-150B-24	Fully Isolated DC/DC Converter	19-36 Vdc	6.25A at 24 Vdc	**$103.14**

SXA-14242

SXA-14008

SXA-14002

samlexamerica®

Mean Well Single Output Switching Power Supplies

For a versatile supply that delivers reliable power levels, check out these offerings from Samlex. You can adjust both input and output voltage, making these power supplies handy tools in your shack or on your bench. They are well-filtered units that give you clean, reliable power without unwanted noise and RFI. They also offer over-voltage, over-current and short-circuit protection to keep your gear safe.

DXEngineering.com has more detailed specs on each of these supplies.

DXE Number	Samlex Number	Description	Power Input Range	Power Output Range	Price
SXA-14002	S-25-12	25 Watt Power Supply 2.1A at 12 Vdc	85-260 Vac	10.8-13.2 Vdc	**$31.14**
SXA-14003	S-60-12	60 Watt Power Supply 5A at 12 Vdc	85-260 Vac	10.8-13.2 Vdc	**$41.04**
SXA-14012	S-100F-12	100 Watt Power Supply 8.5A at 12 Vdc	85-370 Vac	10.8-13.2 Vdc	**$49.77**
SXA-14004	S-150-12	150 Watt Power Supply 12.5A at 12 Vdc	85-260 Vac	10.6-13.2 Vdc	**$58.68**
SXA-14022	S-320-12	320 Watts Power Supply 25A at 12 Vdc	85-260 Vac	10-13.2 Vdc	**$118.89**
SXA-14005	S-25-24	25 Watt Power Supply 1.1A at 24 Vdc	85-260 Vac	21.6-26.4 Vdc	**$31.14**
SXA-14009	S-60-24	60 Watt Power Supply 2.5A at 24 Vdc	85-260 Vac	21.6-26.4 Vdc	**$41.04**
SXA-14006	S-150-24	150 Watt Power Supply 6.5A at 24 Vdc	85-250 Vac	21-28.4 Vdc	**$58.68**
SXA-14008	S-320-24	320 Watt Power Supply 12.5A at 24 Vdc	85-260 Vac	21-28.4 Vdc	**$118.89**
SXA-14125	SE-600-48	600 Watt Power Supply 12.5A at 48 Vdc	85-260 Vac	43-56 Vdc	**$185.40**
SXA-14242	SE-100-48	1,000 Watt Power Supply 20.8A at 48 Vdc	85-370 Vac	43-56 Vdc	**$342.00**

samlexamerica®

SXA-06014

Switching DC/DC Converters

Going from 24 Vdc down to 13.8 Vdc is no problem with these reliable step-down converters. If you have an input voltage of 20-35 Vdc, these converters let your expensive gear sip a steady diet of clean, stable 13.8 Vdc. Designed for negative ground, heavy-duty applications, the converters all offer over-voltage, reverse polarity and short-circuit protection, plus temperature-regulated current limiting.

DXE Number	Samlex Number	Description	Output	Price
SXA-06014	SDC-15	DC/DC Converter	15A at 13.8 Vdc	**$74.95**
SXA-06024	SDC-23	DC/DC Converter	20A at 13.8 Vdc	**$83.95**
SXA-06034	SDC-5	DC/DC Converter	5A at 13.8 Vdc	**$40.95**
SXA-06036	SDC-12	DC/DC Converter	12A at 13.8 Vdc	**$54.95**
SXA-06174	SDC-30	DC/DC Converter	30A at 13.8 Vdc	**$136.95**

samlexamerica®

SXA-03431

SXA-03435

Desktop Switching Power Supplies

Need a rock-solid 13.8 Vdc power supply that doesn't take up half of your shack? Samlex offers compact and reliable Desktop Switching Power Supplies. They're loaded with over-current, over-voltage and short-circuit protection and are well filtered to produce clean, noise-free power.

DXE Number	Samlex Number	Desktop Power Supply Description	Power Output	Price
SXA-03051	SEC-1212	120 Vac	10A at 13.8 Vdc	**$101.75**
SXA-03052	SEC-1212CE	230 Vac	10A at 13.8 Vdc	**$107.44**
SXA-03061	SEC-1223	120 Vac	23A at 13.8 Vdc	**$125.97**
SXA-03062	SEC-3062	230 Vac	23A at 13.8 Vdc	**$132.43**
SXA-03431	SEC-1235	120 Vac	30A at 13.8 Vdc	**$133.28**
SXA-03435	SEC-1235M	Dual Meters, 120 Vac	30A at 13.8 Vdc	**$143.74**
SXA-03064	SEC-03064	Battery Backup, 120 Vac	23A at 13.8 Vdc	**$118.95**

Rack Plates

These durable standard-width rack plates are a great way to get your SEC-series power supplies off your desk and into a rack. They have a black powdercoat finish and cutouts for bottom-mounted fans.

SXA-03104 Rack Plate for Single Supply, 3.5" High..... **$41.95**

SXA-03105 Rack Plate for Dual Supplies, 3.5" High..... **$49.95**

samlexamerica®

Rackmount Switching Power Supplies

SXA-03111

Do you have a rack in your shack? Here's a great way to get your power supply off of your desk without compromising your power needs. They all produce clean, reliable power and are available in a wide range of DC output levels. These power supplies come mounted on a two rack unit size plate and feature over-current, over-voltage and short-circuit protection to keep your gear safe.

DXE Number	Samlex Number	Description	Power Output	Price
SXA-03111	SEC-1223R1	Rackmount Power Supply 120 Vac	20A at 13.8 Vdc	**$159.95**
SXA-03261	SEC-40BRM	Rackmount Power Supply with Battery Backup and Charger 120 Vac	40A at 13.8 Vdc	**$388.95**
SXA-03271	SEC-60BRM	Rackmount Power Supply with Battery Backup and Charger 120 Vac	60A at 13.8 Vdc	**$448.95**
SXA-03281	SEC-80BRM	Rackmount Power Supply with Battery Backup and Charger 120 Vac	80A at 13.8 Vdc	**$454.95**
SXA-03291	SEC-100BRM	Rackmount Power Supply with Backup, Charger and Meter 120 Vac	100A at 13.8 Vdc	**$549.95**
SXA-03312	SEC-40BRM-220	Rackmount Power Supply with Battery Backup and Charger 230 Vac	40A at 13.8 Vdc	**$428.95**
SXA-03342	SEC-100BRM-220	Rackmount Power Supply with Battery Backup and Charger	100A at 13.8 Vdc	**$598.95**
SXA-03364	SEC-2450BRM	Rackmount Power Supply with Backup, Charger and Meter	50A at 27.6 Vdc	**$528.95**

samlexamerica®

DC/AC Pure Sine Wave Inverters

New!

Radios, computers, A/V equipment and virtually any piece of precision electronic gear need the cleanest, most stable power source to function properly. Pure sine wave inverters are the best way to keep your transceiver and shack equipment functioning at their peak.

DXE Number	Samlex Number	Power In/Out	Watts Cont./Surge	Receptacles	Price
SXA-07173	PST-15S-12A	12 Vdc/110 Vac	150/300	1 AC	**$121.81**
SXA-07215	PST-600-12	12 Vdc/110 Vac	600/1,200	2 AC	**$225.59**
SXA-07313	PST-30S-12E	12 Vdc/230 Vac	300/500	1 Schuko	**$191.52**
SXA-07323	PST-60S-12E	12 Vdc/230 Vac	600/1,000	1 Schuko	**$273.60**
SXA-07374	SSW-1500-12A	12 Vdc/115 Vac	1,500/3,000	2 AC	**$374.34**
SXA-07461	SA-300-112	12 Vsc/110 Vac	300/400	2 AC	**$153.95**

samlexamerica®

Battery Backup Module

New!

Connect this module to your power supply and battery to make a battery backup system. When your AC power fails, the unit will instantly switch to your battery. When the AC power is restored, it switches back to charging.

The module works with voltages from below 12 Vdc, up to 28 Vdc and can handle a maximum output current of 100 amps. This float-type battery charger can be an essential backbone for your shack or EMCOMM setup.

SXA-08081 Battery Backup Module **$128.95**

samlexamerica®

Battery Isolating Load Protector

New!

This unit protects your battery and its load by isolating them from a variety of power faults. In the event of excessive load, this device will disconnect the battery automatically. You can program your own fault thresholds and it can handle 40 amps.

SXA-08645 DC Isolating Load Protector **$73.95**

WEST MOUNTAIN RADIO

Universal Computerized Battery Analyzer

New!

A complete battery-test lab in a box. The "CBA" carries advanced features you won't see in a standard battery tester. It can test virtually any battery up to 55V, regardless of type, size, or cell number. The analyzer handles a maximum of 40 amps and 150 watts.

Test data is displayed in easy-to-read chart and graph readouts, and there is a slick printout feature that lets you create labels to attach to the battery. That means you'll be able to keep tabs on the status of your battery.

You can also add an optional DC amplifier that amplifies and regulates discharge current so you can test your battery at a high discharge rate. The 58206-1009 is intended for industrial grade use and improper use is hazardous, so make sure this amplifier isn't overkill for your application.

An optional temperature probe lets you limit how hot your batteries get during testing.

WMT-58250-1015 Universal Computerized Battery Analyzer **$189.95**
WMT-58206-1009 CBA Battery Discharge Amplifier..... **$33.95**
WMT-58256-1020 Temperature Probe for CBA..... **$12.95**

MFJ

New!

Super Battery Booster

Your mobile rig may not always get a stable 13.8 Vdc from your vehicle's battery. To combat the fluctuations in power and keep your radio operating at its fullest potential, install this MFJ Battery Booster. It ensures a steady stream of 13.8 Vdc and can be tailored to specific voltage limits, protecting your battery from over-discharge. An internal 30 amp input fuse prevents excess output and this unit has over-voltage protection. Input voltage and output voltage are adjustable.

MFJ-4416B Super Battery Booster **$149.95**

ASTRON CORPORATION

New!

Battery Backup Module

Add battery backup to your shack. Just connect this unit between your power supply and a wet or SLA standby battery, and it acts as a float charger to keep the battery ready. If your AC power fails, it will automatically switch to the battery in an instant. Fuses protect the circuit during battery charge/discharge, and a front LED indicates the charging status. Maximum battery load is 30A and the unit limits charging at 3.6A. The module works with 12- and 24-volt systems.

ASR-BB-30M Battery Backup Module **$53.95**

ASTRON CORPORATION

N2412-12 and N2412-24 DC/DC Converters

Astron has packed these converters with some impressive features, including over-voltage, over-current and short circuit protection. You can also set up these converters to turn on with your ignition switch for hassle-free operation. They accept 22-33 Vdc input with a 13.8 Vdc output. The N2412-12 delivers 10 amps of continuous current with a 12 amp peak, while the N2412-24 delivers 20 amps continuous with a 24 amp peak.

ASR-N2412-12 DC/DC Converter, 12 Amp Peak..... **$59.95**
ASR-N2412-24 DC/DC Converter, 24 Amp Peak..... **$89.95**

ASTRON CORPORATION

Step-Down DC/DC Converters

New!

Offering a high-efficiency DC conversion, these units are great if you've got a specialized DC power source and need it stepped-down to a stable 13.8 Vdc. They have over-voltage, short circuit and reverse polarity protection (on the input side).

The 2412-40 and A4812-12 are designed for negative ground applications, while the ISO4812-24 is fully isolated, ideal for positive ground systems.

Part Number	Description	Input Voltage	Max. Output Current	Price
ASR-2412-40	DC/DC Converter	22 to 32 Vdc	32A	**$205.95**
ASR-A4812-12	DC/DC Converter	30-56 Vdc	9A	**$49.95**
ASR-ISO4812-24	Isolated DC Converter	36 to 72 Vdc	20A	**$149.95**

Find More Brands, More Products and More Specs at DXEngineering.com

- We're constantly adding more products to make your on-air experience better. Check back often and see what's new.
- Want more info on anything we sell? You'll find detailed specs and a comprehensive F.A.Q. section.
- Whenever possible, we post FREE downloadable instruction manuals a nd stat sheets so you can better research a product.
- There's a wealth of interesting and FREE tech articles available. Maybe you can learn something new?

Hit the Air

Whether it's a long-haul contest or a casual ragchew, the fun of our hobby is being on the air. We only carry products that improve your on-air experience, gear that allows you to hear and be heard. And we're always adding more. Visit DXEngineering.com and see what's new.

samlexamerica®

New!

Three Stage Battery Chargers

Capable of charging flooded, AGM or Gel-Cell batteries, these UL-/ETL-approved chargers are versatile enough for multiple applications. Depending on the model, they can charge several banks of batters simultaneously, and when sized right, they'll be able to charge a battery even while it is under load. The chargers feature an ammeter, and incorporate short circuit, overload, and reverse polarity protection.

DXE Number	Samlex Number	Description	Voltage/ Amperage	Price
SXA-08301	SEC-1215UL	Charger	12 Vdc/15A	**$144.25**
SXA-08302	SEC-1230UL	Charger, Handles 3 Battery Banks	12 Vdc/30A	**$218.03**
SXA-08305	SEC-2415UL	Charger	24 Vdc/15A	**$218.03**
SXA-08306	SEC-2425UL	Charger, Dual Ammeters	24 Vdc/25A	**$352.07**

samlexamerica®

New!

Solar Charging Kits

Harness the sun to power your gear. These comprehensive kits include everything but a battery. They are expandable to 500 watts, so they're the perfect starting point for your solar powered system. The kits feature a 30 amp charge controller, a high-efficiency solar panel, solar connecting wires and mounting hardware. You can use these kits in your mobile, EMCOMM, or battery backup systems. See DXEngineering.com for complete system specs.

DXE Number	Samlex Number	Description	Price
SXA-18018	SRV-50-KIT-USA	50 W Charging System, 3.2A Max. Output Current	**$424.95**
SXA-18019	SRV-EXP-50-KIT-USA	Solar Panel Expansion Kit for 50 W System	**$384.95**
SXA-18014	SRV-90-KIT-USA	90 W Charging System, 5.31A Max. Output Current	**$557.95**
SXA-18016	SRV-EXP-90-KIT-USA	Solar Panel Expansion Kit for 90 W System	**$465.95**
SXA-18015	SRV-135-KIT-USA	135 W Charging System, 8.1A Max. Output Current	**$594.95**
SXA-18017	SRV-EXP-135-KIT-USA	Solar Panel Expansion Kit for 135 W System	**$557.95**
SXA-08725	SOLSUM 6.6 F	Solar Charger Controller, 6 Amp Max. Current	**$39.95**
SXA-08727	SOLSUM 10.10 F	Solar Changer Controller, 10 Amp Max. Current	**$62.95**

samlexamerica®

Solar Trickle Chargers

These chargers are designed for maintaining lighter-duty, 12-volt batteries. Well suited to vehicle applications, these trickle chargers will keep your battery ready to go, even if it's been sitting idle for months. The chargers plug right into a cigarette lighter socket—just make sure the socket remains on with the vehicle's key out.

They can be used in permanent or temporary installations, and are perfect solutions if you park your vehicle in a remote garage without AC power.

New!

SXA-17031 Solar Trickle Charger, 4.8 Peak Watts, 0.30A Output..... **$85.95**

SXA-17032 Solar Trickle Charger, 9.5 Peak watts, 0.56A Output..... **$122.95**

Battery Tender Systems

Deltran Battery Tender®

If you're running a high-power mobile rig, dual batteries or a battery-powered standalone EMCOMM trailer, it's a good idea to take care of your battery. Deltran offers you several fantastic options in the Battery Tender line. Much better than simple trickle chargers, these units are packed with features to ensure that you'll have plenty of reliable DC on hand when you need it.

Battery Tender Plus

Designed to charge and maintain batteries at the proper storage level, the Battery Tender Plus is the flagship of Deltran's Battery Tender line. Using a three-step charging mode (bulk charge, absorption and float), the Battery Tender Plus keeps your battery charged without the damaging effects of a basic trickle charger. It features a quick-connect harness, reverse polarity protection and auto-switching between charging modes. It even reacts to ambient temperatures, adjusting charging power to ensure that your battery is ready to go, when you need it.

DTN-021-0128 Battery Tender Plus **$51.87**

Battery Power Tender Plus

The Battery Power Tender Plus can charge and maintain both sealed maintenance-free batteries and traditional lead-acid batteries. Its four-step charging program is microprocessor-controlled to avoid damaging your battery while charging, and it features reverse polarity protection for trouble-free use.

DTN-0220142DLWHB Battery Power Tender Plus..... **$101.20**

Battery Tender Waterproof 800

Great for the field, the Battery Tender Waterproof 800 Charging System packs 800 mA of charging power into a compact package. It will constantly monitor your battery, making sure that it maintains optimum performance levels. The Waterproof 800 features short circuit and reverse polarity protection and resists the elements for years of trouble-free use.

DTN-022-0150DLWH Battery Tender Waterproof 800 ..... **$39.33**

Battery Tender Junior

If you're small on space but big on power demands, ensure you have a steady supply of DC with Deltran's Battery Tender Plus Junior. It has many of the powerful features of its big brothers in a small, extremely portable and lightweight package. It's spark-proof, with reverse polarity protection and a two-color LED indicates your battery's charging state.

DTN-021-0123 Battery Tender Junior..... **$25.30**

Powermaster Battery Isolator

POWERMASTER Performance

We've all been there: a busy Field Day or DXpedition. You make plenty of contacts while your gear sips a steady diet of voltage from your car's auxiliary battery. When it's time to leave—your car won't start!

Using an auxiliary battery doesn't always protect your primary battery from draining. Powermaster's Battery Isolator prevents this unwanted drain. It ties your batteries together, allowing them both to charge from your engine's alternator. Since your auxiliary battery is isolated, it won't drain the charge from your primary battery in the event of excess load.

Use Powermaster's Battery Isolator when you're operating off your vehicle's battery power and keep yourself from being stranded.

PWM-903 Powermaster Battery Isolator..... **$109.97**

OPTIMA BATTERIES™ THE ULTIMATE POWER SOURCE™

New!

Digital 1200 Battery Charger

A battery charger for the 21st century! This charger can recover deeply discharged batteries and extend battery life. It features an LCD display and intuitive GUI that indicates charging status, plus an integrated work light. The Digital 1200 even includes a USB part to charge your smart phone and other USB-powered devices. It accepts 100 to 120 Vac, has up to 14.9 Vdc output and can be used for flooded and AGM batteries—find all the specs at DXEngineering.com.

ULT-150-34178 Digital 1200 Battery Charger **$199.99**

International Shipping is Quick and Easy! See Page 58 for Details

WMT-58303-1030

WMT-58307-1037

WMT-58315-1043

WMT-58307-1034

RIGrunner DC Outlet Panels

West Mountain Radio

Got a pile of spaghetti where your DC power cables should be? These RIGrunner Outlet Panels will clean up your shack, while giving you some advanced features in the process. Each outlet is fused for protection and ensures you have reliable power distribution for your gear. They provide 40 amps of maximum output current and include Powerpole® connectors and fuses. "U" models have USB ports, handy for charging your smartphone.

New!

Part Number	Description	Voltage Alarm	Power Cables	Powerpole® Connections	Price
WMT-58301-1028	RIGrunner 8012, 80A Input	Yes	8 AWG, 6'	12	$159.95
WMT-58303-1030	RIGrunner 4010S, Auto Turn-On	Yes	10 AWG, 6'	10	$149.95
WMT-58303-1031	RIGrunner 4010S, Auto Turn-On	Yes	Sold Separately	10	$129.95
WMT-58305-1032	RIGrunner 4012	Yes	10 AWG, 6'	12	$129.95
WMT-58305-1033	RIGrunner 4012	Yes	Sold Separately	12	$109.95
WMT-58307-1034	RIGrunner 4008	Yes	10 AWG, 6'	8	$119.95
WMT-58307-1036	RIGrunner 4008H, Side Connectors	No	10 AWG, 6'	8	$109.95
WMT-58307-1037	RIGrunner 4008H, Side Connectors	No	Sold Separately	8	$89.95
WMT-58307-1124	RIGrunner 4008, -48 Vdc Negative	Yes	Sold Separately	8	$164.95
WMT-58307-1126	RIGrunner 4008, -48 Positive	Yes	Sold Separately	8	$124.95
WMT-58307-1125	RIGrunner 4008, -24 Positive	Yes	Sold Separately	8	$124.95
WMT-58312-1038	RIGrunner 4005	No	10 AWG, 6'	5	$74.95
WMT-58312-1039	RIGrunner 4005	No	Sold Separately	5	$64.95
WMT-58312-1040	RIGrunner 4005, Side Connectors	No	10 AWG, 6'	5	$84.95
WMT-58312-1041	RIGrunner 4005, Side Connectors	No	Sold Separately	5	$69.95
WMT-58315-1042	RIGrunner 4004U, 2 USB Charge Ports	No	10 AWG, 6'	4	$94.95
WMT-58315-1043	RIGrunner 4004U, 2 USB Charge Ports	No	Sold Separately	4	$79.95

WMT-58312-1355

WMT-58312-1354

New!

West Mountain Radio

Internet Monitored DC Outlet Panels

Take a RIGrunner 4005. Now, add the ability to check its status over the Internet. The result: the ideal power supply for EMCOMM, remote power stations or repeaters. They're also perfectly at home in your shack. They use an RJ-45 or Wi-Fi for hookup and there is a front-panel LCD to show the status, voltage and current draw of each outlet.

But the real magic is through the Internet. Using their integrated web server, you can monitor critical parameters or turn on/off each outlet independently. These are also capable of sending out e-mail alerts for certain alarms.

Part Number	Description	Powerpole® Connections	Price
WMT-58312-1353	RIGrunner 4005i	5	$259.95
WMT-58312-1354	RIGrunner 4005i, Wi-Fi Enabled	5	$309.95
WMT-58312-1355	RIGrunner 4005i, Rack-Mount	5	$429.95

ASTRON CORPORATION

RS-50A Linear Power Supply

When you've still got 105-125 Vac available, make sure your DC power demands are met with this durable and stable power supply from Astron. It puts out a reliable 13.8 Vdc with 50 amps peak and 37 amps continuous. To help protect your gear against wild electrical swings, this electronically-regulated power supply features over-voltage and current limiting protection.

ASR-RS-50A Linear Power Supply **$281.95**

OPTIMA BATTERIES

YellowTop Deep Cycle 12-Volt Battery

Your DC power source needs to be reliable, rugged and ready-to-go at a moment's notice. OPTIMA's YellowTop battery is resistant to the elements, recharges quickly and can recover from deep discharges. This battery is an excellent fit for your sensitive communications equipment and can be safely used indoors. In addition to being spill-proof, YellowTop batteries last longer and are more durable than most other AGM batteries.

ULT-9050-160 YellowTop Deep Cycle 12V Battery **$285.97**

West Mountain Radio

Super PWRgate PG40S

The Super PWRgate maintains a steady stream of up to 40A continuous from your power supply or battery and will instantly switch to battery backup if you lose power—you won't even notice the switchover. It also has a built-in battery charger to ensure that your battery is ready when you need it.

WMT-58403-1046 Super PWRgate PG40S **$139.95**

West Mountain Radio

PWRguard Plus PG40S

If your power supply is rapidly changing, the PWRguard Plus can sense it and shut the system down, preventing expensive damage to your equipment. You can set the voltage trip threshold and the PWRguard has in-rush current protection as an extra precaution against damage. It's rated for a maximum of 40 amps (peak) and indicator LEDs let you know it is working.

WMT-58402-1045 PWRguard Plus PG40S **$114.95**

Powerpole® Accessories

New!

Anderson Powerpole connectors are quickly becoming the industry standard for DC power. They have been adopted by RACES and ARES® for emergency service and installations. DX Engineering carries the connectors, plus a tool that makes crimping them easy and hassle-free.

DXE-PP30 Powerpole Connectors, 12-16 AWG, 30A, 10 Pairs*...**$12.95**

DXE-PP45 Powerpole Connectors, 10-14 AWG, 45A, 10 Pairs*...**$17.95**

DXE-UT-CRIMP-PWR Ratcheting Crimp Tool **$38.95**

***One pair equals (1) red and (1) black.**

Powerpole® Retention Clips

Avoid accidentally pulling out your Powerpole connectors by using these clips to lock them securely to your outlet panel.

WMT-58257-1092 Powerpole Retention Clips, Set of 12 .....**$7.95**

International Shipping is Quick and Easy! See Page 58 for Details

ICOM

IC-2820H
Dual-Band FM Transceiver

Rely on this 2M/70cm mobile transceiver to give you both analog and digital functionality. This transceiver also uses Icom's dualwatch feature, so you can monitor two frequencies at the same time. It packs 50 watts of power on both bands, which really lets your signal travel. You can add D-STAR DV mode and GPS receiver capabilities.

ICO-IC-2820H Dual-Band FM Transceiver...**CALL/WEB**

MFJ

MFJ-495
Millennium CW Memory Keyer

You need a reliable keyer. MFJ's MFJ-495 lets you key in CW with a paddle or keyboard and store messages in its non-volatile memory. The MFJ-495 also has a built-in speaker with front-panel volume control. It features a user-friendly interface that is straightforward and intuitive. It's easy to set up, so you can get on the air quickly during an emergency.

MFJ-495 Millennium CW Memory Keyer.....**$169.95**

DIAMOND ANTENNA

SX-600
Dual Power Meter

With two meters in one, the SX-600 lets you monitor either your VHF/UHF or your Low-Band/HF rig. This meter has low insertion loss yet still gives you accurate readings. Well suited for QRP, handheld and even high-power applications, the SX-600 meter is small enough to fit into a backpack. In an emergency situation, you'll want to ensure that your station is working properly. Keep an eye on things with the SX-600.

DMN-SX600 Dual Power Meter **$179.95**

Green Heron Engineering LLC

RT-21
Universal Digital Rotor Controller

The latest version of Green Heron's ubiquitous rotor controller, the RT-21 is a reliable asset to any installation. It's precise and accurate and gives you variable-speed control. This controller is compatible with a variety of rotators and is well suited to the Hy-Gain HAM and T2X units. The RT-21 can support side-mounted antennas and is fully programmable with easy setup utility software.

GHE-RT-21 Universal Digital Rotor Controller.....**$559.00**

SUMMIT RACING EQUIPMENT

Battery Box Kit

- Ideal for a trunk-mounted second battery
- Kit includes cables and hardware

SUM-G1200A Battery Box Kit **$99.97**
SUM-G1210 Battery Box Only..... **$14.97**

ICOM

IC-7200
HF/50 MHz Transceiver

With the perfect blend of durability, ease of use and features, this portable transceiver is an excellent choice for use in the field. It offers up to 100 watts of RF output (SSB/CW) while giving you VOX and full break-in CW operation. A backlit LCD screen means you can use it in dim light and its digital noise reduction makes it easier to hear weak signals.

ICO-IC-7200 HF/50 MHz Receiver .....**CALL/WEB**

West Mountain RADIO

RIGrunner 4008

To distribute power through your shack, look to West Mountain's RIGrunners. These durable units are the safest way to power all of your 12 Vdc equipment. Featuring ultra-reliable Powerpole® connectors, RIGrunners use automotive-style fuses to prevent damage and are rated up to 40 amps.

WMT-58307-1035 RIGrunner 4008 .....**$84.95**

West Mountain RADIO

PWRcheck

Put this in-stream between your source and load and you'll be able to closely monitor voltage, current, wattage and amp-hours in real time, in both directions. A large LCD screen displays everything and there's an intuitive USB interface. The PWRcheck also has logging capabilities and the readouts provide millivolt/milliamp precision.

WMT-58430-1286 PWRcheck.....**$179.95**

West Mountain RADIO

ISOpwr

Turn your vehicle into a battery charger! The ISOpwr lets you connect an additional battery to your vehicle's battery to charge both of them when the alternator is running. When the alternator stops, this unit isolates your main battery to prevent it from draining. It's an essential tool for power-hungry mobile installations like an ARES® or RACES command station.

WMT-58401-1044 ISOpwr **$89.95**

West Mountain RADIO

CBA IV

Short for "Computerized Battery Analyzer" the CBA IV is way more advanced than a simple battery tester. It can handle virtually any battery up to 55V, regardless of type, size, or cell number. It is the best way to ensure that a battery is ready for an emergency.

WMT-58250-1014 CBA IV.....**$149.95**

West Mountain RADIO

DC-to-GO

Combine a durable and weather resistant battery box with one of West Mountain's RIGrunner power distribution centers and you have a portable power station capable of feeding an entire radio setup. Available in multiple sizes and RIGrunner types, these DC-to-GO boxes can be the backbone of your emergency power system.

WMT-58513-1061 DC-to-GO.....**$134.95**

New!

Stay Ready—Don't wait until the power is out to make a power backup plan, get prepared with DX Engineering. We've put together a comprehensive list of what you'll need to get on the air during an emergency. Find more detailed information on each of these products at DXEngineering.com.

DX Engineering has the tools and equipment to help you assemble a potent emergency communications unit, just like this one from the Ashtabula County, Ohio Amateur Radio Club, K8CY.

New!

Power-Up with A-iPower

A-iPOWER

Prepare yourself for power outages with the steady power delivery of an A-iPower Portable generator. These 120-/240-volt AC generators feature an air-cooled 4-stroke engine, for quiet and reliable operation. There are several models available, so whether you need to power an EMCOMM station or a refrigerator, it's easy to find the perfect generator for the job. See detailed specs at DXEngineering.com.

3,750 Watt Generators

- 4.4 HP engine
- 4 gallon fuel tank with level gauge
- Low oil alert
- Recoil start
- SU4000-CARB E.O. number: U-U-164-0024

AIP-SU4000 3,750 Watt Generator, 49-State Legal.....**$386.97**
AIP-SU4000-CARB 3,750 Watt Generator, 50-State Legal.....**$415.97**

5,750 Watt Generator

- 7 HP engine
- 7 gallon fuel tank with level gauge
- Low oil alert
- Digital run time gauge
- Recoil and electric start

AIP-SU5750E 5,750 Watt Generator, 49-State Legal **$659.97**

7,000 Watt Generator

- 8.1 HP engine
- 7 gallon fuel tank with level gauge
- Low oil alert
- Digital run time gauge
- Recoil and electric start

AIP-SU7500E 7,000 Watt Generator, 49-State Legal **$712.97**

8,250 Watt Generators

- 9.7 HP engine
- 7 gallon fuel tank with level gauge
- Low oil alert
- Digital run time gauge
- Recoil and electric start
- SU-8250E-CARB E.O. number: U-U-164-0026

AIP-SU8250E 8,250 Watt Generator, 49-State Legal **$805.97**
AIP-SU8250E-CARB 8,250 Watt Generator, 50-State Legal **$832.97**

DX Engineering U-Bolt Saddle Clamps

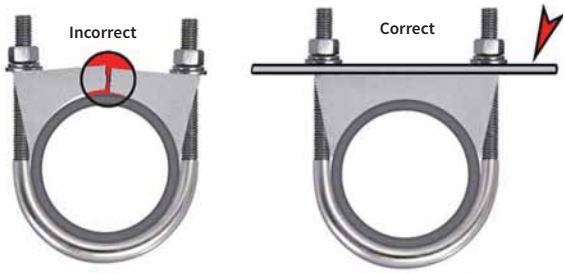
Our U-Bolt Saddle Clamps are ideal for use with round tubing.
Unlike common hardware store clamps that are sized to fit pipe, our clamps are designed and sized to fit tubing.

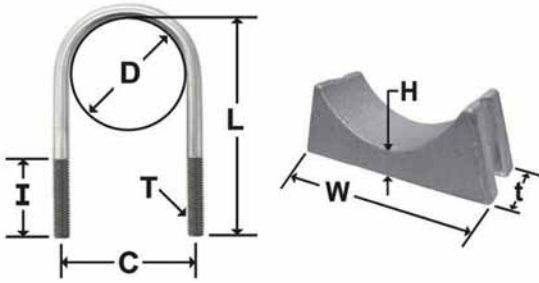
The U-Bolt Saddle Clamps come with high strength, 18-8 grade stainless steel U-bolts that are long enough to attach tubing or components to thick mounting plates. The U-bolts are available in 1/4 inch, 5/16 inch and 3/8 inch as listed. Note that the 2 inch, 2.5 inch and 3 inch clamps are available with either 5/16 inch or 3/8 inch U-bolts.

The U-Bolt Saddle Clamp saddles are cast from high strength 535 aluminum, which has superior anti-corrosion properties. Unlike stamped or machined types, the saddles' rippled surface grips tubing closely for a secure fit.

The U-Bolt Saddle Clamps are designed for use with mounting plates, which are available separately.
The clamps are sold only as a set with aluminum saddle, stainless steel U-bolts, nuts, flat washers and lock washers.

The use of a lubricant and sealant, such as Never-Seez®, is highly recommended to achieve proper torque and prevent galling. DX Engineering sells replacement U-bolts with hardware kits.





Saddle clamps must be used on a flat surface or customer supplied backing plate. Personal injury and property damage can occur without proper installation. Always use a lubricant such as Never-Seez® or Anti-Seize to prevent the stainless steel hardware from seizing.

Size	DXE Part Number	D	L	C	I	T	Hole Size	W	H	t	Price Each
0.50	DXE-SAD-050A	0.50	1.35	0.75	0.87	1/4"-20	0.266 "H"	0.90	0.188	0.63	**$5.25**
0.75	DXE-SAD-075A	0.75	1.81	1.00	0.87	1/4"-20	0.266 "H"	1.13	0.188	0.75	**$5.65**
1.00	DXE-SAD-100A	1.00	2.06	1.25	0.87	1/4"-20	0.266 "H"	1.50	0.250	1.00	**$6.05**
1.25	DXE-SAD-125A	1.25	2.37	1.50	0.87	1/4"-20	0.266 "H"	1.75	0.250	1.00	**$6.85**
1.50	DXE-SAD-150A	1.50	2.62	1.75	0.87	1/4"-20	0.266 "H"	2.00	0.250	1.00	**$7.75**
1.75	DXE-SAD-175A	1.75	3.00	2.00	1.00	1/4"-20	0.266 "H"	2.31	0.250	1.00	**$8.90**
2.00	DXE-SAD-200A	2.00	3.43	2.31	1.12	5/16"-18	0.332 "Q"	2.62	0.375	1.00	**$10.05**
2.00	DXE-SAD-200B	2.00	4.00	2.37	1.50	3/8"-16	0.397 "X"	2.62	0.375	1.00	**$11.25**
2.50	DXE-SAD-250A	2.50	4.18	2.81	1.25	5/16"-18	0.332 "Q"	3.13	0.375	1.13	**$12.05**
2.50	DXE-SAD-250B	2.50	4.75	2.87	1.75	3/8"-16	0.397 "X"	3.13	0.375	1.13	**$13.55**
3.00	DXE-SAD-300A	3.00	4.68	3.31	1.25	5/16"-18	0.332 "Q"	3.62	0.375	1.25	**$13.60**
3.00	DXE-SAD-300B	3.00	5.25	3.37	1.75	3/8"-16	0.397 "X"	3.62	0.375	1.25	**$15.25**
4.00	DXE-SAD-400A	4.05	5.56	4.43	1.50	3/8"-18	0.397 "X"	4.80	0.438	1.50	**$34.70**
4.50	DXE-SAD-450A	4.55	6.06	4.93	1.50	3/8"-16	0.397 "X"	5.30	0.438	1.50	**$39.95**

DX Engineering Clamps Have Hundreds of Uses!

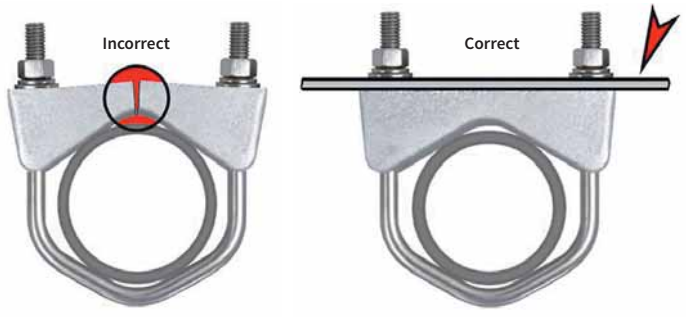
DX Engineering U-Bolt, V-Bolt, and Band Clamps are very versatile. For example, we've seen the ECLS Studded Band Clamps used to fasten merchandise display signs to upright tubing. Have you used DX Engineering clamps for other, non-antenna projects? We'd love to know about it—drop us a note and send pictures if you have them!

Suggested Hole Size: 0.266" is letter "H" drill bit, 0.332" is letter "Q" drill bit, and 0.397" is letter "X" drill bit. All U-Bolts are formed from premium 18-8 stainless steel.
All Saddles are cast 535 aluminum. All Saddle Clamp Sets are supplied with 18-8 stainless steel nuts and lock washers. Dimensions shown are in inches. Note: These are NOT Automotive Muffler Clamps.

DX Engineering V-Bolt Saddle Clamps

Our V-Bolt Saddle Clamps are sized to fit ranges of tubing. The V-bolts are long enough to attach tubing or components to thick plates and are highly corrosion-resistant.

The V-Bolt Saddle Clamps are intended for use with a backing plate or mounting plate to retain the bolt spacing. The saddles' rippled surface will clamp tubing securely to a flat surface.



Features

- 18-8 stainless steel V-bolts with nuts, flat washers and lock washers
- Cast aluminum saddles with rippled surface
- Available in a number of size ranges

Tubing Recommendations

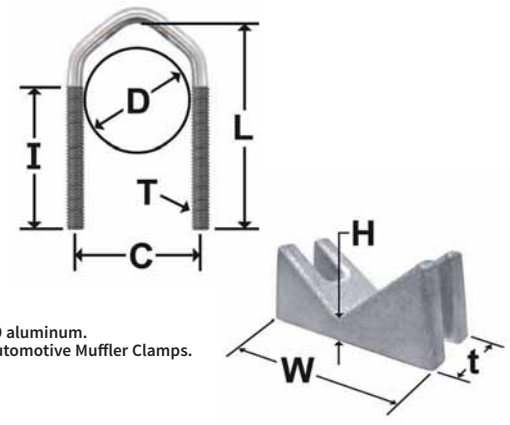
DXE-CAVS-1P: fits 1/2 inch to 1 3/4 inch O.D. tubing, 1/4"-20 bolt

DXE-CAVS-11P: fits 1/2 inch to 1 3/4 inch O.D. tubing, 5/16"-18 bolt

DXE-CAVS-2P: fits 1 inch to 2 inch O.D. tubing, 5/16"-18 bolt

DXE-CAVS-3P: fits 2 inch to 3 inch O.D. tubing, 3/8"-16 bolt

The clamps are sold only as a set with aluminum saddle, stainless steel V-bolts, nuts, flat washers and lock washers.
The use of a lubricant and sealant, such as Never-Seez®, is highly recommended to achieve proper torque and prevent galling. For high torque load applications where the tubing is subjected to twisting motion, we recommend using our U-Bolt Saddle Clamps.



Nominal Size	DXE Part Number	D	L	C	I	T	Hole Size	W	H	t	Price Each
0.50 to 1.75	DXE-CAVS-1P	1.75	3.438	1.968	2.313	1/4"-20	0.266 "H"	2.313	0.250	1	**$10.25**
0.50 to 1.75	DXE-CAVS-11P	1.75	3.438	2.063	2.313	5/16"-18	0.332 "Q"	2.313	0.250	1	**$10.75**
1 to 2	DXE-CAVS-2P	2.00	3.438	2.313	2.000	5/16"-18	0.332 "Q"	2.835	0.375	1	**$12.25**
2 to 3	DXE-CAVS-3P	3.13	4.610	3.500	1.750	3/8"-16	0.397 "X"	4.250	0.500	2	**$15.25**

All dimensions are in inches. Note: DXE-CAVS-1/11/2P saddle material is cast 535 aluminum, DXE-CAVS-3P saddle material is cast 319 aluminum.
Suggested Hole Size: 0.266" is letter "H" drill bit, 0.332" is letter "Q" drill bit, and 0.397" is letter "X" drill bit. Note: These are NOT Automotive Muffler Clamps.

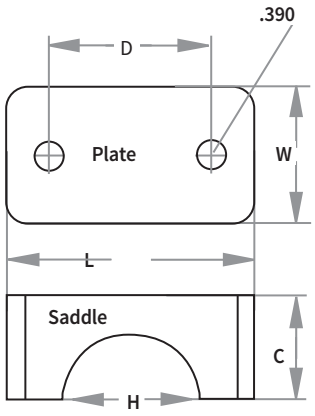
DX Engineering Super Duty Saddle Clamps

Our Super Duty Saddle Clamps are designed for applications where maximum clamping ability is needed. Super Duty Saddle Clamp Kits are constructed of two corrosion-resistant A356-T6 cast aluminum saddles with a cast stainless steel reinforcement plate. These clamps are the correct size to fit tubing closely and their rippled surface will grip the aluminum tubing for a secure fit that resists the ravages of weather.

Due to the wide variety of clamping applications where a Super Duty Saddle Clamp would be beneficial, we do not include mounting hardware, but we do offer armor-coated bolt sets separately. Super Duty Saddle Clamps are made to fit 3 sizes of tubing: 2 inch O.D., 2.5 inch O.D. and 3 inch O.D.

The use of a lubricant and sealant, such as Never-Seez®, is highly recommended to achieve proper torque and prevent galling.

Clamps Part Number	Tube O.D.	L	W	D	H	C	Price Each
DXE-SDS-200P	2	3.640	2.000	2.400	2.000	1.570	**$34.00**
DXE-SDS-250P	2.5	4.150	2.250	2.900	2.500	1.820	**$41.00**
DXE-SDS-300P	3	4.650	2.500	3.400	3.000	2.060	**$51.00**



Bolt and Nut Sets

Armor-Coated Bolt Sets are available in 5 different bolt lengths (4.5 inch, 5 inch, 5.5 inch, 6 inch and 6.5 inch). They include Grade 8 hex head bolts (2), split washers (2), flat washers (2) and nuts (2).

DXE-SDSBOLT-4-5 4.5" Bolts..... set **$5.25**
DXE-SDSBOLT-5 5.0" Bolts..... set **$5.50**
DXE-SDSBOLT-5-5 5.5" Bolts..... set **$5.75**
DXE-SDSBOLT-6 6.0" Bolts..... set **$6.00**
DXE-SDSBOLT-6-5 6.5" Bolts..... set **$6.25**

DX Engineering Clamps are Specified by Scientific, Military & Government Designers, & Used by Antenna Builders: Both Commercial & Amateur!

Highest Quality—Lasting Performance!

DX Engineering is famous for its Saddle Clamps—the ones with stainless steel U-bolts or V-bolts and matching cast aluminum saddles. The U-bolts are the exact size for inch-sized tubing O.D.; the saddles feature an as-cast roughness that keeps the tube from sliding.

Our Super Duty Saddle Clamps are designed for applications where maximum torque is needed to control large or unbalanced antenna arrays, or for other applications where other torque control products have proven inadequate.

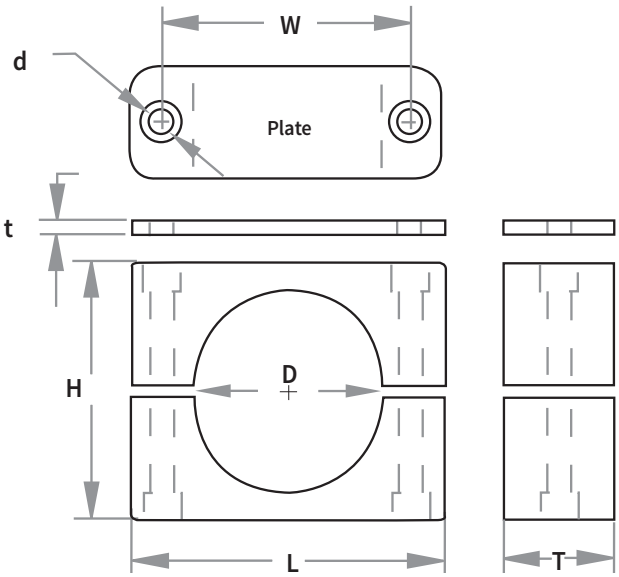
Our Resin Support Blocks are useful for securely mounting tubing to any flat surface while providing electrical insulation.

Whether you are building a Yagi from scratch, refurbishing a well-used "old friend," or experimenting with a new antenna project, DX Engineering can supply the best hardware for your application. You can find useful tips and complete dimensions for each clamp and bracket type at DXEngineering.com.

DX Engineering Resin Support Block Clamps

Our Resin Support Block Clamps are ideal for securing mounting brackets or plates to tubing, while also providing electrical insulation. That makes the clamps a good choice for electronic components. The clamps are sturdy and provide a strong, well-insulated mounting that is easy to construct. They are available in many sizes for most any project you might have—see chart.

The Resin Support Block is shown with an optional stainless steel reinforcement plate. These plates provide additional stiffness and can also be used as sturdy hole-drilling templates.



Support Block Dimensions in Inches

Block Part Number	Tube O.D.	D	H	T	L	W	Reinforcement Plate Required	Price Each
DXE-RSB-I02500	1/4	1/4	1.050	1.185	1.350	0.784	DXE-RSB-DP-1	**$2.65**
DXE-RSB-I03125	5/16	5/16	1.050	1.185	1.350	0.784	DXE-RSB-DP-1	**$2.85**
DXE-RSB-I03750	3/8	3/8	1.050	1.185	1.350	0.784	DXE-RSB-DP-1	**$2.65**
DXE-RSB-I05000	1/2	1/2	1.290	1.192	1.595	1.024	DXE-RSB-DP-2	**$2.90**
DXE-RSB-I06250	5/8	5/8	1.290	1.192	1.595	1.024	DXE-RSB-DP-2	**$2.90**
DXE-RSB-I03400	3/4	3/4	1.394	1.186	1.910	1.301	DXE-RSB-DP-3	**$3.10**
DXE-RSB-I10000	1.000	1.000	1.394	1.186	1.910	1.301	DXE-RSB-DP-3	**$3.15**
DXE-RSB-I11250	1.125	1.125	1.665	1.189	2.258	1.575	DXE-RSB-DP-4	**$4.70**
DXE-RSB-I12500	1.250	1.250	2.292	1.182	2.760	2.050	DXE-RSB-DP-5	**$4.70**
DXE-RSB-I11500	1.500	1.500	2.292	1.182	2.760	2.050	DXE-RSB-DP-5	**$4.70**
DXE-RSB-I13400	1.750	1.750	2.674	1.184	3.394	2.600	DXE-RSB-DP-6	**$7.30**
DXE-RSB-I20000	2.000	2.000	2.678	1.184	3.394	2.600	DXE-RSB-DP-6	**$7.30**
DXE-RSB-I22500	2.250	2.250	2.904	1.184	3.394	2.600	DXE-RSB-DP-6	**$7.95**

DXE-RSB-I11250

Reinforcement Plates Dimensions in Inches

Part Number	d	t	W	Each
DXE-RSB-DP-1	0.275	0.119	0.784	**$3.20**
DXE-RSB-DP-2	0.275	0.119	1.024	**$3.55**
DXE-RSB-DP-3	0.275	0.119	1.301	**$3.95**
DXE-RSB-DP-4	0.275	0.119	1.575	**$4.25**
DXE-RSB-DP-5	0.275	0.119	2.050	**$4.90**
DXE-RSB-DP-6	0.275	0.119	2.600	**$5.65**

Highest Quality—Lasting Performance! DX Engineering is famous for its Saddle Clamps—the ones with stainless steel U-bolts or V-bolts and matching cast aluminum saddles. The U-bolts are the exact size for inch-sized tubing O.D.; the saddles feature an as-cast roughness that keeps the tube from sliding. Our Super Duty Saddle Clamps are designed for applications where maximum torque is needed to control large or unbalanced antenna arrays, or for other applications where other torque control products have proven inadequate. Our Resin Support Blocks are useful for securely mounting tubing to any flat surface while providing electrical insulation.

Saddle Clamps with Powdercoated Saddles

- Stainless steel flat washers, lock washers, nuts and bolts
- Black powdercoated saddle finish

U-Bolt Style

U-Bolt Part Number	Nominal Size	Thread Bolt Size	Price Each
DXE-PSAD-050A	0.50	1/4"-20	**$10.80**
DXE-PSAD-075A	0.75	1/4"-20	**$10.95**
DXE-PSAD-100A	1.00	1/4"-20	**$11.05**
DXE-PSAD-125A	1.25	1/4"-20	**$11.85**
DXE-PSAD-150A	1.50	1/4"-20	**$12.75**
DXE-PSAD-175A	1.75	1/4"-20	**$13.90**
DXE-PSAD-200A	2.00	5/16"-18	**$15.05**
DXE-PSAD-250A	2.50	5/16"-18	**$17.05**
DXE-PSAD-300A	3.00	5/16"-18	**$18.60**

V-Bolt Style

V-Bolt Part Number	Nominal Size	Thread Bolt Size	Price Each
DXE-PCAVS-1P	0.50 to 1.75	1/4"-20	**$10.90**
DXE-PCAVS-2P	1.00 to 2.00	5/16"-18	**$12.95**

Dimensions in Inches.

DX Engineering Stainless Steel V-Clamps

Our stainless steel V-clamps are ideal for mounting accessories to steel pipe. The V-saddle has serrations that bite into the tube or pipe surface, providing a strong, secure hold. For this reason, these clamps are not recommended for aluminum tubing or pipe. The bolts supplied are long enough to attach tubing to thick plates and have anti-corrosive properties for long life. Some clamps are available with a tab and 1/4" hardware for adding grounding wires.

V-Clamp Part Number	Pipe Size	Ground Lug	Price Each
DXE-SSVC-1P	1/2" to 3/4"	No	**$6.95**
DXE-SSVC-1PG	1/2" to 3/4"	Yes	**$7.95**
DXE-SSVC-150P	1" to 1.5"	No	**$9.95**
DXE-SSVC-150PG	1" to 1.5"	Yes	**$10.95**
DXE-SSVC-2P	1" to 2"	No	**$11.95**
DXE-SSVC-3P	2.375" to 3"	No	**$14.95**

Cushioned P-Clamps

DXE-CPC-250

DXE-CPC-375

DX Engineering P-Clamps are ideal for providing strain relief of coaxial cable connections. The rubber insert grips the cable jacket securely without nicking or cutting the jacket, preventing water entry.

DXE-CPC-250 For RG-8X, RG-6, RG-59 Cable, Pack of 10.....**$14.95**

DXE-CPC-375 For RG-213, RG-8, RG-11 Cable, Pack of 10.....**$14.95**

ECLS-Series Band Clamps with Stud

The ECLS-Series clamps are marine grade stainless steel with a 10-24 stud welded to the band. They are ideal for mechanical fastening to round or odd-shaped members. The clamps can be used for electrical connections (including grounding) or for mechanical assembly of components, attachment of signs, etc. Threaded hardware is included.

Band Clamps with Stud **Pack of 2**

DXE-ECLS-050 0.500" O.D. Tube **$9.99**
DXE-ECLS-175 1.750" O.D. Tube **$11.49**
DXE-ECLS-062 0.625" O.D. Tube **$9.99**
DXE-ECLS-200 2.000" O.D. Tube **$11.49**
DXE-ECLS-075 0.750" O.D. Tube **$9.99**
DXE-ECLS-225 2.250" O.D. Tube **$11.49**
DXE-ECLS-087 0.875" O.D. Tube **$10.99**
DXE-ECLS-250 2.500" O.D. Tube **$11.99**
DXE-ECLS-100 1.000" O.D. Tube **$10.99**
DXE-ECLS-275 2.750" O.D. Tube **$11.99**
DXE-ECLS-300 3.000" O.D. Tube **$11.99**
DXE-ECLS-125 1.250" O.D. Tube **$11.49**
DXE-ECLS-325 3.250" O.D. Tube **$11.99**
DXE-ECLS-150 1.500" O.D. Tube **$11.49**

Stainless Steel Element Clamps

Typical elements are built using 0.058 inch wall tubing, which allows successive sizes to slide together with good contact. These clamps are used to hold the telescoping tubing in place at the length that you have chosen. Our clamps are marine-grade—they are made entirely of stainless steel, unlike the normal hardware store variety. The high nickel alloy stainless steel meets the demands of severe corrosive environments.

DXE-ECL-020 For 0.500" and smaller Tube.....**$1.90**
DXE-ECL-040 For 0.625" Tube.....**$1.90**
DXE-ECL-060 For 0.750" and 0.875" Tube.....**$1.90**
DXE-ECL-10SS For 1.00" Tube.....**$1.90**
DXE-ECL-12SS For 1.250" and 1.125" Tube.....**$1.90**
DXE-ECL-16SS For 1.375" and 1.500" Tube.....**$1.90**
DXE-ECL-20SS For 1.625" and 1.750" Tube.....**$1.90**
DXE-ECL-24SS For 1.875" and 2.000" Tube.....**$1.90**
DXE-ECL-28SS For 2.125" and 2.250" Tube.....**$1.90**
DXE-ECL-32SS For 2.375" and 2.500" Tube.....**$1.90**
DXE-ECL-36SS For 2.625" and 2.750" Tube.....**$1.90**
DXE-ECL-40SS For 2.875" and 3.000" Tube.....**$1.90**
DXE-ECL-44SS For 3.25" Max. Tube **$1.95**

Ridgid® Tubing Cutter

This high-quality cutter will make clean, smooth edges in tubing sections that require minimal deburring. The tool can cut aluminum, copper, and brass tubing as well as thin-wall conduit.

- Adjustable from 1/4 inch to 1 1/8 inch O.D.
- Telescoping feed screw design
- Enclosed feed screw eliminates clogging
- Grooved rollers for close-to-flare cuts
- Fold-away reamer
- X-CEL knob and pin for quicker cutting
- Spare cutter wheel included

DXE-31622 Ridgid Tubing Cutter.....**$41.95**

Pipe and Tube Deburring Tools

DXE-UT-2125

DXE-UT-3500

If you're building a tower, mast or beam antenna, these tools will be worth their weight in gold. They make the tedious deburring process much easier. These tools smooth the rough edges on the inside and outside of your telescoping aluminum, fiberglass, copper, steel or plastic pipe and tubing, assuring a smooth surface when joined with another section.

You can purchase each tool separately or together in a kit that includes both deburring tools, a small hand deburring tool, half-round file and a carrying case.

DXE-UT-2125 Deburring Tool, for .375" to 2.125" O.D. Tubing.....**$24.95**
DXE-UT-3500 Deburring Tool, for 1.875" to 3.5" O.D. Tubing.....**$29.95**
DXE-UT-KIT-DBR Deburring Tool Kit.....**$69.95**

Drill Guide Kit

This easy-to-use drill guide locates exact drilling centers and guides drill bits perfectly perpendicular to the work piece, including round, spherical, and corner edges. It is ideal for making clean, accurate holes in aluminum tubing for mounting hardware. The kit includes 3/16 inch, 1/4 inch, 5/16 inch, 3/8 inch, 7/16 inch, and 1/2 inch drill bushings, a locating pin, and drill bit guide.

DXE-D3206 Drill Guide Kit **$15.25**

Deburring Tools

Adjustable Length Deburring Tool

DXE-22600 Deburring Tool **$13.95**
DXE-22110 Replacement Blades for Aluminum/Steel, Pack of 10.....**$10.75**

Slim Grip Deburring Tool

DXE-22166 Slim-Grip Deburring Tool **$7.55**
DXE-22110 Replacement Blades, 10 Pack; **$10.75**

Never-Seez® and Anti-Seize—a Must for Stainless Steel

- Prevents galling and galvanic corrosion
- Protects metal parts against rust, corrosion and seizure

DXE-NSBT8 Never-Seez, 8 oz. Brush Top **$13.99**
DXE-NMCBT8 Never-Seez, Marine Grade, 8 oz. Brush Top.....**$16.95**
UMI-81343 Anti-Seize, 1 oz. Squeeze Tube.....**$3.29**
UMI-81464 Anti-Seize, 8.5 oz. Aerosol Can **$9.99**

Hazardous, limited to domestic UPS Ground shipping only.

Penetrox A

- Keeps parts from seizing
- Helps create a substantial electrical connection between metal parts
- For aluminum-to-aluminum or aluminum-to-copper connections

DXE-P8A Penetrox A, 8 oz. Squeeze Tube.....**$13.95**

Hazardous, limited to domestic UPS Ground shipping only.

Aluminum Tubing

DX ENGINEERING

Custom-made for DX Engineering, this high strength Type 6063-T832 seamless drawn aluminum tubing is available in 3 and 6 foot lengths—ideal for your antenna projects. Type 6063 alloy provides good resistance to general corrosion, including stress corrosion cracking, and has excellent surface appearance.

Use the 3 foot lengths for fast taper, low-wind resistance applications. The 6 foot slow taper lengths afford the greatest bandwidth. Most sizes are slit on one end for use with DX Engineering Stainless Steel Element Clamps. If unslit ends are required for your application, merely insert the slit end into the next larger size in the stack and use your own attachment method.

The 0.058 inch wall tubing is available in 1/8 inch increments from 3/8 inch to 2 1/8 inch O.D. It is ideal for a free, yet solid telescoping fit from size to size for vertical or Yagi elements. Some larger sizes are available in 0.120 inch wall, 6061-T8 aluminum, which assures maximum strength at very long assembly lengths.

- High strength Type 6063 seamless aluminum tubing—drawn, not extruded
- Ideal for telescoping antenna elements, support masts, and booms
- Available in unslit and pre-slit lengths
- Use DX Engineering Stainless Steel Element Clamps to assemble lengths of slit tubing

DX Engineering Has Stainless Steel Element Clamps for Exact Tubing Sizes. See DXEngineering.com for Specs and Additional Tubing.

Aluminum Tubing, No Slit

Part Number	O.D.	Wall	Length	Each
DXE-AT1240	0.375"	0.058"	3 Foot	**$1.45**
DXE-AT1494	0.500"	0.058"	3 Foot	**$2.05**
DXE-AT1495	0.625"	0.058"	3 Foot	**$2.35**
DXE-AT1496	0.750"	0.058"	3 Foot	**$2.65**
DXE-AT1497	0.875"	0.058"	3 Foot	**$2.75**
DXE-AT1498	1.000"	0.058"	3 Foot	**$2.95**
DXE-AT1499	1.125"	0.058"	3 Foot	**$3.25**
DXE-AT1500	1.250"	0.058"	3 Foot	**$4.15**
DXE-AT1501	1.375"	0.058"	3 Foot	**$4.45**
DXE-AT1502	1.500"	0.058"	3 Foot	**$5.25**
DXE-AT1503	1.625"	0.058"	3 Foot	**$6.05**
DXE-AT1504	1.750"	0.058"	3 Foot	**$6.85**
DXE-AT1505	1.875"	0.058"	3 Foot	**$7.65**
DXE-AT1506	2.000"	0.058"	3 Foot	**$8.45**
DXE-AT1255	2.000"	0.120"	3 Foot	**$14.85**
DXE-AT1507	2.125"	0.058"	3 Foot	**$9.25**
DXE-AT1189	0.375"	0.058"	6 Foot	**$2.95**
DXE-AT1480	0.500"	0.058"	6 Foot	**$4.15**
DXE-AT1481	0.625"	0.058"	6 Foot	**$4.75**
DXE-AT1482	0.750"	0.058"	6 Foot	**$5.35**
DXE-AT1483	0.875"	0.058"	6 Foot	**$5.65**
DXE-AT1484	1.000"	0.058"	6 Foot	**$5.95**
DXE-AT1485	1.125"	0.058"	6 Foot	**$6.55**
DXE-AT1486	1.250"	0.058"	6 Foot	**$7.75**
DXE-AT1487	1.375"	0.058"	6 Foot	**$8.45**
DXE-AT1488	1.500"	0.058"	6 Foot	**$8.95**
DXE-AT1489	1.625"	0.058"	6 Foot	**$9.75**
DXE-AT1490	1.750"	0.058"	6 Foot	**$10.65**
DXE-AT1491	1.875"	0.058"	6 Foot	**$11.55**
DXE-AT1492	2.000"	0.058"	6 Foot	**$12.45**
DXE-AT1493	2.125"	0.058"	6 Foot	**$13.35**

Aluminum Tubing Slit 1 End

Part Number	O.D.	Wall	Length	Each
DXE-AT1241	0.500"	0.058"	3 Foot	**$3.75**
DXE-AT1242	0.625"	0.058"	3 Foot	**$4.05**
DXE-AT1243	0.750"	0.058"	3 Foot	**$4.35**
DXE-AT1244	0.875"	0.058"	3 Foot	**$4.45**
DXE-AT1245	1.000"	0.058"	3 Foot	**$4.65**
DXE-AT1246	1.125"	0.058"	3 Foot	**$4.95**
DXE-AT1247	1.250"	0.058"	3 Foot	**$5.85**
DXE-AT1248	1.375"	0.058"	3 Foot	**$6.15**
DXE-AT1249	1.500"	0.058"	3 Foot	**$6.95**
DXE-AT1250	1.625"	0.058"	3 Foot	**$7.75**
DXE-AT1251	1.750"	0.058"	3 Foot	**$8.55**
DXE-AT1252	1.875"	0.058"	3 Foot	**$9.35**
DXE-AT1253	2.000"	0.058"	3 Foot	**$10.15**
DXE-AT1254	2.125"	0.058"	3 Foot	**$10.95**
DXE-AT1205	0.500"	0.058"	6 Foot	**$6.05**
DXE-AT1206	0.625"	0.058"	6 Foot	**$6.65**
DXE-AT1207	0.750"	0.058"	6 Foot	**$7.25**
DXE-AT1208	0.875"	0.058"	6 Foot	**$7.55**
DXE-AT1209	1.000"	0.058"	6 Foot	**$7.85**
DXE-AT1210	1.125"	0.058"	6 Foot	**$8.45**
DXE-AT1211	1.250"	0.058"	6 Foot	**$9.65**
DXE-AT1212	1.375"	0.058"	6 Foot	**$10.35**
DXE-AT1213	1.500"	0.058"	6 Foot	**$10.85**
DXE-AT1214	1.625"	0.058"	6 Foot	**$11.65**
DXE-AT1215	1.750"	0.058"	6 Foot	**$12.55**
DXE-AT1216	1.875"	0.058"	6 Foot	**$13.45**
DXE-AT1217	2.000"	0.058"	6 Foot	**$14.35**
DXE-AT1218	2.125"	0.058"	6 Foot	**$15.25**

6061-T8 Aluminum Tubing, Heavy Wall, Unslit—Ideal for Booms and HD Element Designs!

Part Number	O.D.	Wall	Length	Each
DXE-AT1311	1.500"	0.120"	6 Foot	**$23.85**
DXE-AT1312	1.750"	0.120"	6 Foot	**$28.20**
DXE-AT1313	2.000"	0.120"	6 Foot	**$33.00**
DXE-AT1314	2.250"	0.120"	6 Foot	**$37.45**
DXE-AT1315	2.500"	0.120"	6 Foot	**$42.50**
DXE-AT1316	2.750"	0.120"	6 Foot	**$46.95**
DXE-AT1317	3.000"	0.120"	6 Foot	**$51.40**
DXE-AT1325	3.000"	0.120"	12 Foot	**$103.95**

DX Engineering Fiberglass Tubing

DX Engineering 1/8" wall extruded fiberglass tubing is available in telescoping lengths. The strong 8 foot lengths are ideal for building your own antenna support, like quad spreaders and insulated UHF stacking frames—even push-up masts.

The optional slit ends are ideal for clamping without drilling (drilling weakens the tubing). Don't forget DX Engineering Stainless Steel Element Clamps for a final, long-lasting assembly or easy-to-assemble portable installation.

Telescoping Fiberglass Unslit Tubing

Part Number	O.D.	Wall	Length	Each
DXE-FT0500-8	0.500"	0.125"	8 Foot	**$6.45**
DXE-FT0750-8	0.750"	0.125"	8 Foot	**$8.95**
DXE-FT1000-8	1.000"	0.125"	8 Foot	**$9.95**
DXE-FT1250-8	1.250"	0.125"	8 Foot	**$11.95**
DXE-FT1500-8	1.500"	0.125"	8 Foot	**$18.95**
DXE-FT1750-8	1.750"	0.125"	8 Foot	**$20.95**
DXE-FT2000-8	2.000"	0.125"	8 Foot	**$25.95**
DXE-FT2250-8	2.250"	0.125"	8 Foot	**$34.95**
DXE-FT2500-8	2.500"	0.125"	8 Foot	**$38.95**
DXE-FT2750-8	2.750"	0.125"	8 Foot	**$44.95**

Telescoping Fiberglass Tubing with 1 End Slit

Part Number	O.D.	Wall	Length	Each
DXE-FT0750-8S	0.750"	0.125"	8 Foot	**$13.95**
DXE-FT1000-8S	1.000"	0.125"	8 Foot	**$14.95**
DXE-FT1250-8S	1.250"	0.125"	8 Foot	**$16.95**
DXE-FT1500-8S	1.500"	0.125"	8 Foot	**$23.95**
DXE-FT1750-8S	1.750"	0.125"	8 Foot	**$25.95**
DXE-FT2000-8S	2.000"	0.125"	8 Foot	**$30.95**
DXE-FT2250-8S	2.250"	0.125"	8 Foot	**$39.95**
DXE-FT2500-8S	2.500"	0.125"	8 Foot	**$44.95**
DXE-FT2750-8S	2.750"	0.125"	8 Foot	**$49.95**

Telescopic Aluminum Mast

COMET

Perfect for stealth operation, this mast can quickly extend from a mere 4.5 feet to almost 15 feet. It handles antennas up to 22 pounds and features a guy bracket (45 feet of guy line is included) to keep it rock-steady when extended. The mast's top tube is .875" O.D. and the bottom tube is 1.625" O.D., all in portable package that only weighs three pounds.

CMA-CP-45 Telescopic Aluminum Mast..... **$99.95**

Aluminum Tripod

COMET

The perfect companion to your Telescopic Aluminum Mast, this portable tripod is an easy way to get on the air for Field Day or EMCOMM. It can handle a guyed mast up to 55 inches long while supporting 22 pounds of antenna load.

CMA-YS-45 Aluminum Tripod..... **$119.95**

Guy Rings

You can use DX Engineering's newly engineered Guy Rings to secure your rope guys and stabilize your DX Engineering, Hustler or other aluminum vertical antenna. They're also great for our Telescoping Fiberglass and Aluminum Tubing Kits.

These guy rings are super strong, virtually impervious to the elements and fit 0.75", 1.0", 1.25", 1.50" and 2.0" O.D. tubing. For all the specs, please visit DXEngineering.com.

DXE-GR-5P Guy Rings, Set of 5 ..... **$7.95**

Phillystran® Non-Metallic Tower Guy Line

PHILLYSTRAN

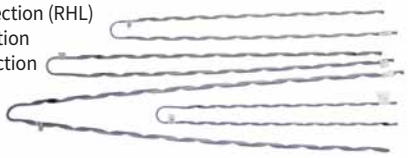
These insulator-free, non-metallic guys have been protecting the towers of knowledge-able amateur radio operators since 1973. Following their introduction, Phillystran Guy Lines have been installed on more than one thousand commercial broadcast towers worldwide. Electrically transparent Phillystran tower guys are protected by an extruded jacket, providing excellent resistance to weather and abrasion.

- Complete isolation of tower-guy system from the antenna field
- Improved signal coverage, eliminating distortion caused by re-radiated signals
- Quick, easy, maintenance-free tower installations
- A neat tower appearance, free of corroded steel guys and troublesome ceramic insulators (solving arcing white noise issues, too)
- No need to calculate guy lengths to avoid guyline resonance
- No insulators required
- None of the stretching or aging problems associated with conventional synthetic ropes
- Never again be bothered by zapping, snapping and crackling across porcelain insulators

PHI-HPTG-1200I	4mm Dia., 1,200 Lbs. Break Strength ..... per foot	**$0.49**
PHI-HPTG-2100I	6mm Dia., 2,100 Lbs. Break Strength ..... per foot	**$0.75**
PHI-HPTG-4000I	8mm Dia., 4,000 Lbs. Break Strength ..... per foot	**$0.99**
PHI-HPTG-6700I	9mm Dia., 6,700 Lbs. Break Strength ..... per foot	**$1.39**
PHI-HPTG-11200I	11mm Dia., 11,200 Lbs. Break Strength ..... per foot	**$2.39**

Phillystran® Big Grip Dead-Ends

Phillystran has answered the call for field-installable, nonmetallic tower-guy systems with HPTG-I and PLP Big Grip Dead-Ends. Phillystran Big Grip Dead-Ends have a variety of unique features:



- Grip designed to match rope twist direction (RHL)
- Special-sized wires for ease of application
- Galvanized steel and "C" coat construction
- Color-coded for ease of identification
- Longer length to match Phillystran's high performance Forged steel galvanized wire rope clips are recommended for the small PHI-HPTG-1200I Guy Line

DXE-6990334	3/16" Wire Rope Clip, Use with HPTG-1200I	**$3.29**
PHI-PLP-2738	Blue Tag, use with HPTG-2100I Guy Line	**$9.00**
PHI-PLP-2739	Yellow Tag, use with HPTG-4000I Guy Line.....	**$12.00**
PHI-PLP-2755	Red Tag, use with HPTG-6700I Guy Line	**$18.00**
PHI-PLP-2558	Black Tag, use with HPTG-11200I Guy Line	**$21.00**

Galvanized Thimbles Phillystran® Guy Line

Extra heavy-duty, hot-dip galvanized steel for strength and long life.

DXE-1037639	Use with HPTG-1200I Guy Line	**$0.95**
DXE-1037675	Use with HPTG-2100I Guy Line	**$1.45**
DXE-1037693	Use with HPTG-4000I Guy Line	**$2.45**
DXE-1037719	Use with HPTG-6700I/11200I Guy Line.....	**$3.45**

Vinyl End Caps Phillystran® Guy Line

Heavy-duty vinyl to cover and protect cut cable ends. 20 per pack.

DXE-H166	Use with HPTG-1200I Guy Line	**$5.95**
DXE-H165	Use with HPTG-2100I Guy Line	**$5.95**
DXE-H164	Use with HPTG-4000I Guy Line	**$5.95**
DXE-H142	Use with HPTG-6700I Guy Line	**$5.95**
DXE-H204	Use with HPTG-11200I Guy Line	**$5.95**

Accessory Items for Phillystran® Guy Line

Cable Price Per Foot	Big Grip Price Each	Thimble Price Each	End Cap Price 20 Pack
PHI-HPTG-1200I...**$0.49**		DXE-1037639...**$0.95**	DXE-H166...**$5.95**
PHI-HPTG-2100I...**$0.75**	PHI-PLP-2738.....**$9.00**	DXE-1037675...**$1.45**	DXE-H165...**$5.95**
PHI-HPTG-4000I...**$0.99**	PHI-PLP-2739...**$12.00**	DXE-1037693...**$2.45**	DXE-H164...**$5.95**
PHI-HPTG-6700I...**$1.39**	PHI-PLP-2755...**$18.00**	DXE-1037719...**$3.45**	DXE-H142...**$5.95**
PHI-HPTG-11200I;**$2.39**	PHI-PLP-2558...**$21.00**	DXE-1037719...**$3.45**	DXE-H204...**$5.95**

DX ENGINEERING

3/16" Wire Rope Clip

Forged steel galvanized wire rope clips are recommended for the small 3/16" Guy Line. Made from extra heavy-duty, galvanized, forged carbon steel, for 3/16" wire rope. A minimum of 2 clips is required.

DXE-6990334 3/16" Wire Rope Clip, Use with HPTG-1200I ... **$3.29**

DX ENGINEERING

50 Foot Telescoping Fiberglass Tubing Mast Kit

- Custom-made tubing for DX Engineering
- Smoothly telescoping
- Neutral light gray color
- Includes DX Engineering Stainless Steel Element Clamps to assemble slit lengths

DXE-FTK50 Telescoping Tubing Kit **$138.00**

Telescoping Aluminum Antenna Kit

- Eleven telescoping sections from 2" to 7/8" O.D.
- Stainless steel element clamps

DXE-ATK65	Telescoping Aluminum Antenna Kit.....	**$194.50**
DXE-VE-BASE	Vertical Antenna Fixed Base Assembly	**$99.50**
DXE-VA-BASE	Vertical Antenna Heavy-Duty Tilt Base Assembly.....	**$159.95**

Telescoping Masts

ROHN™ Products LLC

Rohn telescoping masts are available in 28', 34', 36' and 43' nominal heights. They are pre-galvanized for corrosion protection and come assembled with hardware. All masts must be guyed or bracketed; installation should be done by experienced professionals. Telescoping masts are not recommended for commercial, CB or beam antenna installations.

ROH-H30	28' Telescoping Mast.....	**$79.95**
ROH-H40	36' Telescoping Mast.....	**$119.95**
ROH-H50	43' Telescoping Mast.....	**$144.95**
ROH-9H50	34' Telescoping Mast, UPS-shippable	**$129.95**

Guy Tools

You've got a lot of money invested in your mast and antenna, and you've selected reliable guy line—now the weak link in mast stability could literally be your links! Gripple is an industry leader in wire joiners and tensioners, offering professional-grade products that have been fully vetted in practically every environment on Earth. When it comes time to erect your mast, don't overlook the importance of having the right tools and grips for the job.

Cable Cutters

Cutting steel cables and guy lines is no easy task. Gripple offers the tools to make it manageable. Made with hardened jaws for durability and vinyl grips for comfort, they are designed to be the only cutters you'll ever need. The innovative design multiplies your own strength to make cuts clean and effortless.

The Regular Cable Cutter can handle cutting up to 3/16" O.D. EHS steel cable. The Large Cable Cutter is designed for cutting cable up to 1/4" diameter.

GPL-CUTTER-1-4	Large Cable Cutter.....	**$95.95**
GPL-CUTTERGRIPPL	Regular Cable Cutter	**$35.95**

Lockable Guy Line Grip and Key

As an easy way to assemble and re-tension your 1/8" EHS guy line, you can use these grips and keys to terminate cable and keep it secure. The Grip's innovative design uses external pressure to lock the cable in place until you use the key to release it, making them easy to install and adjust. They're tailored to .125" (3mm) guy lines.

The Lockable Release Keys are a must for re-tensioning cables and removing the grips. You just inset the key and push; the internal wedges are released and the grip is free. Choose from the ergonomically designed Logo Key or the high-visibility Flag-Shaped Key.

GPL-LK-1-8-160BB	Lockable Guy Line Grip	**$5.95**
GPL-KEY-FLAG	Lockable Release Key, Flag.....	**$0.95**
GPL-KEY-LOGO	Gripple Logo Setting Key	**$3.99**

Shipping the Big Stuff

DX Engineering will arrange to ship larger tower sections and masts to you for an additional truck freight fee. The fee depends on the product you've ordered. So even if you've ordered a large item, you can expect it to get to your door quickly.

Heavy-Duty Tripod Roof Mount

RONARD INDUSTRIES, INC.

This five foot tall, commercial-strength mount is an ideal support for medium size antennas such as the DX Engineering HEXX Beam. The mount is also a good choice for small HF or VHF Yagi or tri-band antennas as well as HF and VHF vertical antennas.

The tall tripod configuration allows peak mounting on a variety of pitched or flat roofs. The 1.5" O.D. steel legs have two 10 inch long mounting feet each. Each mounting foot is secured with five lag bolts. Thirty lag bolts are supplied, along with tar strips for weatherproofing under each foot.

A five foot long, 2" O.D. steel antenna/rotor mounting mast is also furnished for easy mounting of rotors such as the Hy-Gain CD-45II and HAM-series.

RON-1011 Heavy-Duty 5' Tripod Roof Mount...**$149.95**

Rotor-Ready Heavy-Duty Chimney Roof Mount

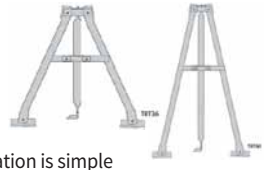
Use this ready-to install package for chimney mounting medium size antennas with rotors (such as the DX Engineering HEXX Beam) and small HF or VHF Yagis and tri-banders. The mount is also ideal for HF and VHF vertical antennas with no rotors.

Two sections of 1.5" O.D., 16-gauge steel mast are supplied. The 42" long section is preassembled with chimney corner brackets for fastening to the chimney and antenna/rotor mounting. The 24" long section is for mounting the antenna to the upper bracket of a rotor such as the Hy-Gain CD-45II and HAM-series.

The four chimney corner brackets are 1.5" wide 11-gauge steel. The stainless steel fastening straps are 24 feet long, more than long enough for multiple-flue residential and even commercial chimneys. Shipped partially assembled for quick installation.

RON-3324 Heavy-Duty Chimney Roof Mount...**$149.95**

Tripod Roof Towers



Feature a universal mast clamp that is capable of mounting masts with up to 1.75 in. diameters and bolt-on swivel feet that adjust to the pitch of almost any roof. Installation is simple and fast with lag screws (not included) in the base feet that securely anchor the towers for long, trouble-free service. Rohn tripod roof towers feature a lower mast support bracket, hot-dip galvanized construction for corrosion protection, and prevailing torque locknuts on the bolt-on feet.

ROH-TRT36 Tripod Roof Tower, 3'.....**$49.95**
ROH-TRT60 Tripod Roof Tower, 5'.....**$64.95**

Adjustable House Brackets

Perfect for bracing your lightly guyed or self-supporting Rohn 25G series tower, these adjustable brackets let you compensate for eaves and overhangs. They're great solutions if your community requires all self-supported or guyed towers to be bracketed.

Part Number	Wall Clearance	Width	Price
ROH-HB25BG	Adjustable 0-24"	25"	**$135.95**
ROH-HB25AG	Adjustable 0-15"	25"	**$99.95**
ROH-HB25CG	Adjustable 0-36"	30"	**$144.95**

ROHN™ Products LLC

Rohn Commercial Towers

DX Engineering is now an Authorized Distributor of Rohn Commercial Tower products and accessories. We have the Rohn products you need to solve your tower structural needs—contact us for technical information and availability.

Rohn 55G 50' Fold-Over Tower

The top of the 55G can be lowered down to ground level so maintenance and replacements can be performed at a comfortable and safe working level without climbing to dangerous heights. When the work is complete, the tower is easily returned to the upright position and locked into place. You never have to leave the ground!

The Rohn 55FK design is based on 90 mph winds with no ice. 20', 30', 40', and 60' tall towers are also available.

ROH-55FK-50LAB 55G Fold-Over Assembly... **$7,599.95**
ROH-45GSRSB 45GSR Concrete Base, Short 4.29'.....**$479.95**

Erection Fixture

You probably call this a Gin Pole, it is a must-have tool to safely raise or repair your tower. The fixture is designed for 25G or 45G towers. It has the correct sheave and clamps to do the job right, you supply the rope and muscle.

ROH-EF2545 Erection Fixture.....**$899.95**

Work Platform

Don't get your feet stuck in the cross-bracing, install this platform on your 25G Tower and perform your repairs safely. Snaps into place and lets you work without strain.

ROH-WP25G Work Platform.....**$139.95**

Telescopic Mast Ground Mount

Built for your Rohn H and 9H (or any other 1.25"-1.5" telescopic mast), simply drive this ground mount into the soil, add your guy lines and get on the air.

ROH-GTMBL Ground Mount.....**$49.95**

Turnbuckle

Never trust your guy line tension to an average hardware store turnbuckle. Only use genuine Rohn accessories. This turnbuckle has a 1,200 pound working load with an extended/retracted length of 12/18 inches.

ROH-3-8TBE-J Turnbuckle **$39.95**

Installation Accessories

Part Number	Description	Price
ROH-618	6-Strand 18 AWG Wire, 1,000' Reel	**$95.95**
GPL-LK-1-8-160BB	618/620 Wire Gripple	**$5.95**
ROH-3-16EHS500	HDG Guy Wire, 3/16" EHS x 500' Coil	**$124.95**
ROH-3-16EHS1000	HDG Guy Wire, 3/16" EHS x 1,000' Coil	**$249.95**
ROH-1-4EHS500	HDG Guy Wire, 1/4" EHS x 500' Coil	**$182.00**
ROH-BG2142	Big Grip, 3/16" with End Sleeve	**$11.95**
ROH-BG2144	Big Grip, 1/4" with End Sleeve	**$13.95**
ROH-GAC3455TOP	Anchor Rod, 3455, .75" dia. x 7'	**$119.95**
ROH-GAR30	Anchor Rod, Eye, Rated to 7,330 lbs.	**$41.95**
ROH-GAS604	Screw Anchor	**$64.95**
ROH-EP25343	Equalizer Plate Assembly 25, 3-Hole	**$45.95**
ROH-EP25345	Equalizer Plate Assembly 25, 5-Hole	**$59.95**
ROH-TB3	HD Thrust Bearing for 25G, 45AG, 55AG	**$149.95**
ROH-TB4	HD Thrust Bearing for 45AG, 55AG	**$179.95**
ROH-25AJBK	25AG Joint Bolt Kit	**$6.95**
ROH-45JBK	45G Joint Bolt Kit	**$11.95**
ROH-HBUTVRO	Universal HD House Bracket, 18-36" Standoff for 25G, 45G, 55G	**$234.95**
ROH-3-4X12PP	Base Pier Pin, 3/4" x 12"- 25G, 45G, 55G	**$22.95**

The World Leader in Towers

Rohn has been the world leader in tower design and manufacturing for more than six decades. Rohn maintains one of the largest manufacturing and staging facilities in the industry—it is committed to supplying the best.

Designed for areas where land cost or availability are not an issue, Rohn GT Series guyed towers provide one of the most cost effective solutions in the industry. Guyed towers install quickly and are often the choice of broadcast communications tower stations and backbone system providers.

All GT Series towers are built with high strength steel tubing that is hot-dip galvanized after fabrication. Rohn's exclusive Zig-Zag® solid rod bracing provides exceptional strength.

All Rohn towers, poles and masts must be installed and dismantled by trained personnel. See the Rohn manuals and drawings for detailed information.

25G Tower and Accessories

The Model 25 originated at Rohn and the original still stands as the benchmark of lightweight guyed tower design quality. The 25G is available in the standard 10' section length and in a special order, UPS-shippable 7' length. The 25G uses double-bolted joints—proven to be the best method of joining tower sections for sturdiness and dependability. The 25G stands 190' tall.

- Completely hot-dip galvanized after fabrication
- Built on a stable 11.25" equilateral triangle design
- High strength tubular legs joined by Zig-Zag® crossmembers
- Each section length is shipped with all required nuts and bolts
- Continuous solid round steel bracing

ROH-25G 25G Standard Section, 10' **$117.95**
ROH-25AG2 25G Top Section, accepts 2" O.D. Mast.....**$189.95**
ROH-SB25G5 25G Short Base, 5'.....**$99.95**
ROH-SB25G 25G Short Base, 3.33' **$72.95**
ROH-25GSSB 25G Self Supporting Base Plate...**$179.95**
ROH-BPH25G 25G Hinged Base Plate.....**$279.95**
ROH-SBH25G 25G Short Hinged Base, 3.33' **$229.95**
ROH-SDB25G Drive-In Base Plate for Temporary Use.....**$254.95**
ROH-AS25G 25G Top Single Accessory Shelf.....**$52.95**
ROH-GA25GD 25G Guy Bracket Assembly with Hardware **$159.95**
ROH-UHF25G 25G Side Arm Mount.....**$31.95**
ROH-BPC25G Concrete Base Plate for 25G.....**$68.95**

45G Tower and Accessories

The 45G is a true multi-use structure that provides excellent strength for applications up to 300' tall.

- Completely hot-dip galvanized after fabrication
- Built on a stable 16.75" equilateral triangle design
- High strength tubular legs joined by Zig-Zag® cross members
- Continuous solid round steel bracing
- Each section is shipped with all required nuts and bolts

ROH-45G 45G Standard Section, 10'.....**$234.95**
ROH-45AG 45G Top Section, 9' **$299.95**
ROH-SB45G 45G Short Base, 5'.....**$119.95**
ROH-BPL45G 45G Top Plate for TB3 & TB4 Bearings **$219.95**
ROH-BPC45G 45G Concrete Base Plate.....**$119.95**
ROH-AS455G 45G & 55G Accessory Shelf.....**$112.95**
ROH-GA45GD 45G Guy Bracket Assembly with Hardware.....**$149.95**

DX ENGINEERING

Insulated Boom-to-Element Brackets

DX Engineering offers insulated boom-to-element brackets to fit 1.75 inch, 2 inch and 3 inch booms. The non-metallic brackets electrically insulate the elements from the boom, which virtually nullifies the shortening effect that the boom and the normal metallic boom-to-element plates have on element length. This means the element lengths determined through the use of commonly available antenna design programs like YO, EZNEC and others will correspond more closely to the actual lengths needed. In most cases, the cost of the boom-to-element brackets will be less than using a metallic plate and the necessary saddle clamps.

DXE-BEB2 to Tower Leg
(Mounting plate customer supplied)

DXE-BEB-1

DXE-BEB-1

The DXE-BEB-1 is used to replace KLM or equivalent boom-to-element brackets or for any other application where insulated elements are desired. This patented DX Engineering bracket is made from a much stronger material and has a vastly improved design. It is 5 times as strong as the original brackets and allows use of up to 1.25 inch O.D. element tubing. Use the DXE-ELA-1-2 Element Adapters to use a 1 inch diameter element with the DXE-BEB-1.

The DXE-BEB-1 is designed to use DX Engineering's Gorilla Grip™ stainless steel boom clamps that will end all of your concerns about elements rotating on the boom. DX Engineering offers two hardware kits. The standard kit is a direct KLM hardware replacement with #10 fasteners for the elements. It includes Gorilla Grip™ stainless steel boom clamps, stainless steel bolts with nuts and washers to attach clamps to the DXE-BEB-1 element bracket, and stainless steel bolts with nuts and washers to attach elements or adapters to the element brackets. The nuts have nylon inserts and are vibration-resistant. The heavy-duty kit uses 1/4 inch bolts and hardware, so it is not a direct replacement for KLM brackets, but is similar in all other respects to the standard hardware kit.

DXE-BEB-1	Insulated Boom-to-Element Bracket, 3" Boom	**$49.95**
DXE-BEB-1HWK	KLM Direct Replacement Hardware Kit	**$25.95**
DXE-BEB-1HWK-2	Hardware Kit with 1/4" Bolts	**$25.95**
DXE-ELA-1-2	Element Adapters, 1.25" to 1", for DXE-BEB-1	**$9.95**

These brackets are made for 3 inch O.D. booms only. For 2 inch booms, please use DXE-BEB-2.

DXE-BEB-2

DXE-BEB-2

The DXE-BEB-2 is made from an extremely strong polymer that is also highly UV-resistant. When bolted to your 2 inch boom with our hardware kit, it will easily support a split 20 meter element without a fiberglass centerpiece. It is a convenient, low-cost method for the insulated attachment of elements when building Yagi, LPDA or other antennas on 2 inch booms.

It accepts up to a 7/8 inch element, which is suitable for antennas built for 6 meters up thru 20 meters with reasonable wind survivability. For larger antennas, please use our DXE-BEB-1 Boom-to-Element Bracket.

The DXE-BEB-2 comes in 2 pieces and bolts together with a DXE-BEB-2HWK Stainless Steel Hardware Clamp Kit that also holds it securely to the boom. The hardware kit includes four stainless steel bolts, washers and lock nuts that securely clamp the element halves together, and a Gorilla Grip™ stainless steel boom clamp with the stainless steel bolts, nuts and washers that attach it to the element bracket. Nuts are vibration-resistant with nylon inserts. DXE-BEB-2HWK Hardware Kit for the DXE-BEB-2 Bracket is sold separately. Larger antennas that experience high winds will require the boom clamp to be pinned to the boom.

DXE-BEB-2	Insulated Boom-to-Element Bracket, 2" Boom	**$16.95**
DXE-BEB-2HWK	Hardware Kit for DXE-BEB-2	**$13.95**

DXE-BEB-3

DXE-SEI-1

DXE-BEB-3

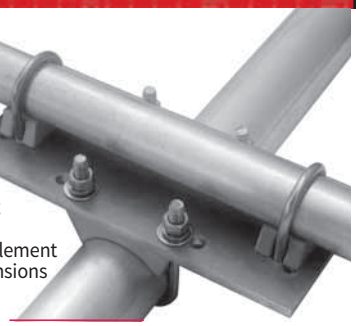
Great for 6 meter Yagi antennas! The DXE-BEB-3 Insulated Boom-to-Element Bracket is the convenient, low cost way to mount elements to smaller (1 inch to 1.75 inch) booms. The bracket accepts elements up to 3/4 inches.

Use the DXE-SEI-1 Split Element Insulator for 3/4 inch O.D. aluminum tube used for the driven element. The insulator allows the element to be securely clamped without crushing the tube.

DXE-BEB-3	Insulated Boom-to-Element Bracket, 1" to 1.75" Boom	**$4.49**
DXE-SEI-1	Split Element Insulator	**$6.49**

DXE-BEP-4B

Boom-to-Element Plates



Boom-to-element plates are similar in function to insulated boom-to-element brackets, in that they each attach the elements to the boom. The primary advantage of plates over brackets is that it is a simple mechanical arrangement. The main disadvantage is that the plate does not insulate the element from the boom, which means that the element dimensions that you bring from your antenna design program (YO, AO, EZNEC and others) will be incorrect unless you make some length adjustment for the width of the plate and boom.

DXE-BEP-4B

Fabricated from alloy 6061-T6 aluminum, the DXE-BEP-4B is primarily for the smaller 6 meter, 10-12 meter and 17-15 meter beam. This plate can also be used to mount smaller VHF/UHF antennas to a mast using appropriate clamps. The dimensions of the DXE-BEP-4B are 8 inch L x 3.5 inch W x 0.25 inch T. This plate comes pre-drilled for DX Engineering Saddle Clamps.

- For mounting a 2 inch boom use (2) DXE-SAD-200A Clamps
- For mounting a 1.50 inch boom use (2) DXE-SAD-150A Clamps
- For mounting a 1.25 inch grounded element use (2) DXE-SAD-125A Clamps
- For mounting a 1 inch grounded element use (2) DXE-SAD-100 Clamps
- For mounting a 3/4 inch grounded element use (2) DXE-SAD-075 Clamps

DXE-BEP-5B

DXE-BEP-5B

Fabricated from alloy 6061-T6 aluminum, the DXE-BEP-5B is for the larger 17-15 meter and 20 meter beams. This plate can also be used to mount smaller VHF/UHF antennas to a mast using appropriate clamps. The dimensions of the DXE-BEP-5B are 8 inch L x 3.5 inch W x 0.25 inch T. The plate comes pre-drilled for DX Engineering saddle clamps.

- For mounting a 3 inch boom use (2) DXE-SAD-300A Clamps
- For mounting a 2 inch boom use (2) DXE-SAD-200A Clamps
- For mounting a 1.50 inch grounded element use (2) DXE-SAD-150A Clamps
- For mounting a 1.25 inch grounded element use (2) DXE-SAD-125A Clamps
- For mounting a 1 inch grounded element use (2) DXE-SAD-100 Clamps

DXE-BEP-4B	Boom-to-Element Plate, 1.5" or 2" booms	**$19.45**
DXE-BEP-5B	Boom-to-Element Plate, 2" or 3" booms	**$20.45**

Multi-Purpose Mounting Plates

DXE-UMP-1

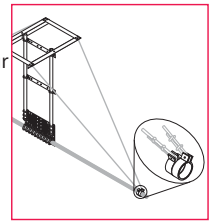
DXE-UMP-2

These universal mounting plates can be used for many applications. They are available in aluminum or non-conductive black polymer and come blank or pre-drilled to accept our standard DXE-CAVS-1P V-Saddle Clamps, which can accommodate tubing or pipe from 1/2 inch to 1.75 inch O.D.

If you are looking for larger sizes, one of our Boom-to-Mast Plates may work. They are available for 1.75 inch, 2 inch, and 3 inch O.D. tubing or pipe. Visit DXEngineering.com for the clamps recommended for use with each specific plate.

DXE-UMP-1	Universal Mounting Plate for 1.75" Saddle Clamp	**$15.00**
DXE-UMP-2	Universal Mounting Plate for 2" Saddle Clamp	**$15.00**
DXE-MMP-P2	Non-Conductive Blank Polymer Plate, 1/4" x 7.5" x 11.5"	**$7.50**
DXE-MMP-P3	Non-Conductive Blank Polymer Plate, 1/4" x 7.5" x 16"	**$9.90**

Boom Support Systems



As antennas become larger, booms become longer, or the wind speed becomes higher, our 3 inch Boom Support Systems will keep the boom straight. Your antenna will look better, perform better, and survive storms in better shape. Many of the individual pieces in these systems are available separately so you can design and build your own support systems.

2 Inch Boom Support Components

DXE-ATBB-2	2" Boom Bracket	**$10.75**
DXE-TCS-1	Truss Bracket	**$23.50**

3 Inch Dual Boom Support System and Components

DXE-ATBB-3	3" Boom Bracket	**$12.75**
DXE-TCS-1	Truss Bracket	**$23.50**

Turnbuckles

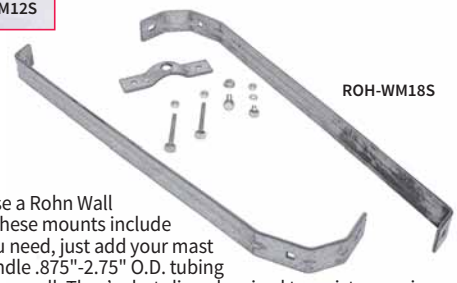
DXE-TRBK-14	Turnbuckle, 5.25" Retracted, 7.375" Extended	**$6.45**
DXE-TRBK-15	Turnbuckle, 6.5" Retracted, 9.125" Extended	**$8.85**

ROH-WM12S

New!

ROH-WM12S

ROHN™ Products LLC


ROH-WM18S

Wall Mounts

Take advantage of rigid walls, use a Rohn Wall Mount to install your antenna. These mounts include all the clamps and hardware you need, just add your mast and you're ready to go. They handle .875"-2.75" O.D. tubing and hold the mast away from your wall. They're hot-dip galvanized to resist corrosion.

Part Number	Description	Wall Clearance	Brackets Included	Price
ROH-WM4	Double Bracket Wall Mount	3"	2	**$28.95**
ROH-WM12S	Extended Wall Mount	12"	1	**$30.95**
ROH-WM18S	Extended Wall Mount	18"	1	**$33.95**
ROH-WM18D	Double Bracket Extended Wall Mount	18"	2	**$53.95**

DX ENGINEERING

Hairpin-Style Driven Element Matching Kits

DXE-HMS-1P

Most Yagi antennas have a feedpoint impedance of about 25 Ω. Obviously, this will not allow a connection to a 50 Ω feedline without a serious mismatch. There are various ways to match the driven element to the feedline successfully. Gamma, T-Match, and the Hairpin (aka Beta Match) are favorites.

The Gamma match is an unbalanced system that typically distorts the antenna pattern. The T-Match is basically two Gamma match systems on either side of the boom, which corrects the imbalance but is a mechanical nightmare and difficult to tune correctly.

The DX Engineering Hairpin is balanced and easy to tune. It has the correct electrical and mechanical design to allow it to be easily installed and tuned in 10 minutes, and has enough capacity for almost any Yagi design.

For use with BEB-2 Insulated Boom-to-Element Brackets

DXE-HMS-1P 2" Boom **$39.95**

For use with BEB-3 Insulated Boom-to-Element Brackets and an SEI Split Element Insert

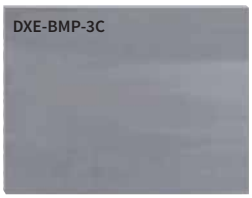
DXE-HMS-2P 1" to 1.75" Boom **$39.95**

For use with BEB-1 Insulated Boom-to-Element Brackets

DXE-HMS-4P 3" Boom **$39.95**

Boom Mounting Plates

Use these plates to build, mount or repair your Yagi antenna. These quarter inch-thick aluminum plates are super-strong to prevent twisting and distortion. They also represent an excellent way to mount your boom to the side of your mast or tower. The DXE-BMP-2B plate is pre-drilled to accept DX Engineering's Saddle Clamps. We can help you select the appropriate clamp for your application, visit online or call us.


DXE-BMP-3C

DXE-BMP-1C Plate for 2"-3" Mast, Undrilled, 30" W x 18" L **$78.50**

DXE-BMP-3C Plate for 2"-3" Mast, Undrilled, 24" W x 18" L **$58.50**

DXE-BMP-2B Plate for 1.5"-3" Mast, Pre-Drilled, 8" W x 10" L **$34.75**

School's In Session. Unless you're a teenager, you don't know everything. This is especially true in Ham radio. Technology is always marching forward and you have to keep up. At DXEngineering.com there's a huge tech library with articles, FAQs, manuals and videos. Plus, if you're dealing with a specific issue, call us and we can help.

Yagi Mechanical® Antenna Design Software

DX ENGINEERING YAGI MECHANICAL

Yagi Mechanical® is a tool for anyone who designs their own antennas or is interested in modeling an antenna they already own. Electrical design is first and foremost in crafting a useful antenna, but the mechanical side of things is also critical. After all, what good is a great performing antenna if the wind is going to break the elements when you put it up on a tower?

DX Engineering's Yagi Mechanical Antenna Design Software enables you to analyze your designs and instantly see where a failure could occur. Whether you use it to find weak points in old designs or to start brand new designs with robust mechanical properties, Yagi Mechanical will provide you with the tools you need to test your elements for wind and ice, to balance weight and torque on the boom, and determine if the materials you have selected are up to the task.

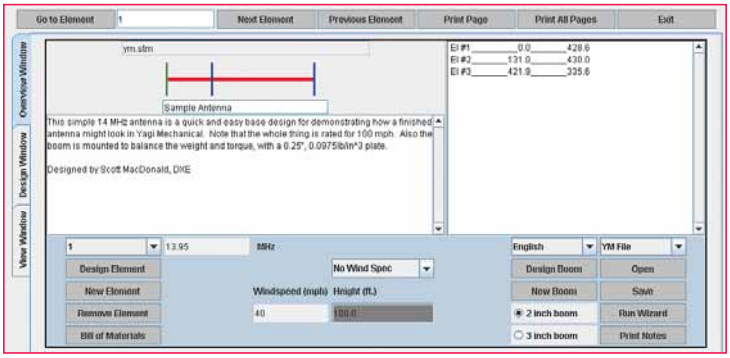
Call it good planning for the kind of stress your antennas are going to see. Call it smart design to prevent regular failures and repairs. Call it peace-of-mind at an affordable price. We call it Yagi Mechanical!

Yagi Mechanical is a Windows® program, so the graphic user interface should be very familiar.

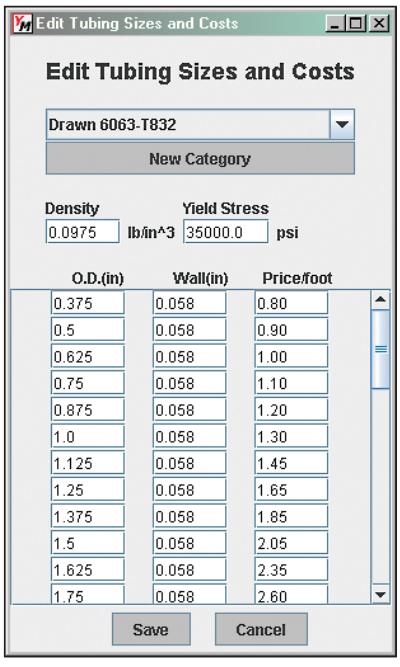
DXE-SOF-YAGIMECH Yagi Mechanical® Antenna Design Software w/Key **$39.95**

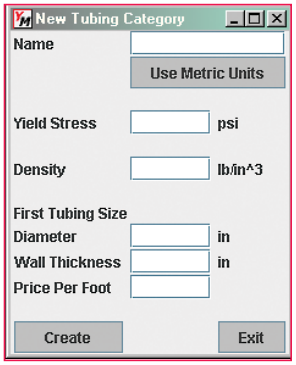
DXE-SOF-YMKEY Yagi Mechanical® Key Code Only **$39.95**

DXE-SOF-YMDISC Yagi Mechanical® Backup CD Only **$20.95**



Create and analyze mechanical design parameters.





FREE trial version at DXEngineering.com

If you are interested in Yagi Mechanical, you can download a trial version FREE! The save, print, and update functions are disabled, but the rest of the program is fully functional, allowing you to try everything before you buy.

Black Vinyl Caps

These black vinyl caps are designed to fit over the end of tubing or pipe to keep moisture out. Open vertical tubing serves as a collection point for rain water. By keeping water out of the tube end, you reduce corrosion and prevent any collected water from bursting the tubing when it freezes. They are also perfect for sealing off booms and Yagi antenna elements. Made from a strong UV-rated material, our caps will withstand the abuse of nature and keep your installation safe and looking good for years. **Range from 1/8" O.D. Tube to 3" O.D. Tube, visit DXEngineering.com for complete line.**

International Shipping is Quick and Easy! See Page 58 for Details